

FIGURE 1

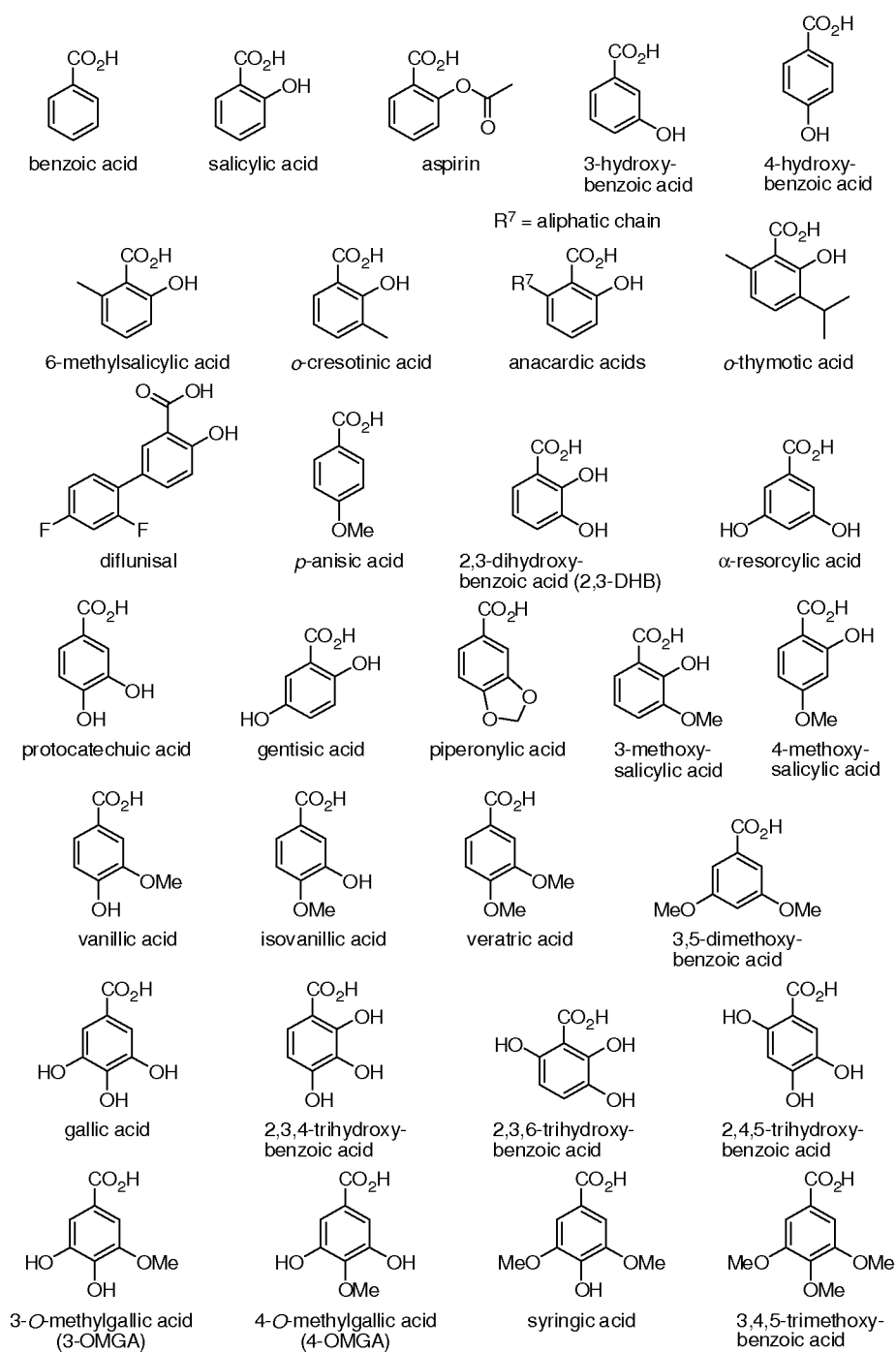


FIGURE 2

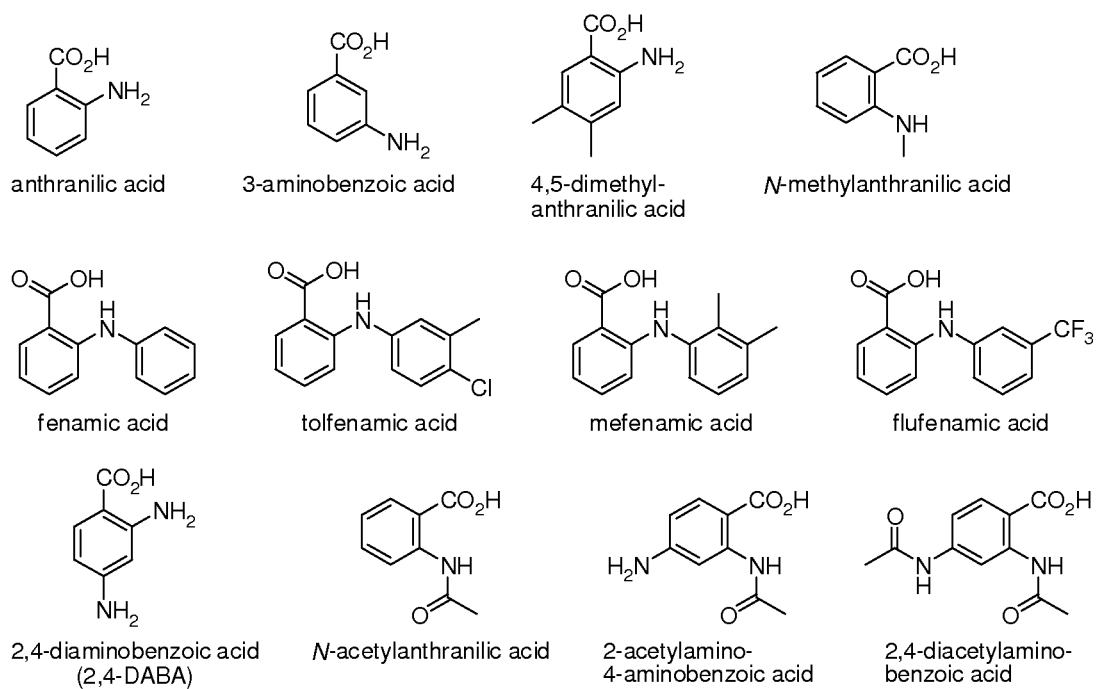
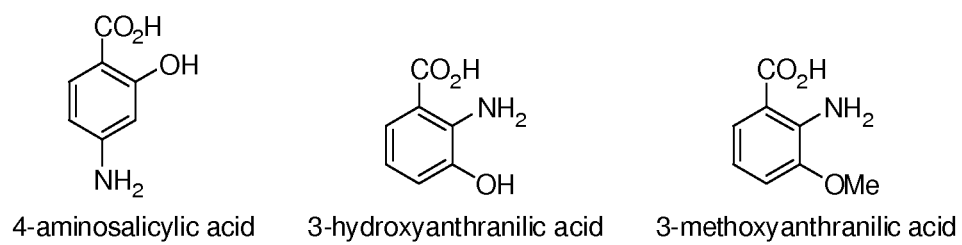
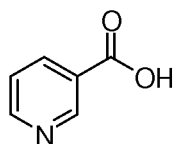


FIGURE 3

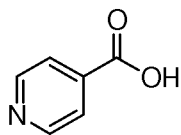


4/30

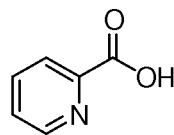
FIGURE 4



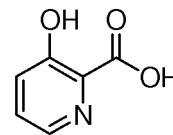
nicotinic acid



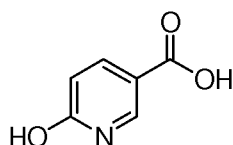
isonicotinic acid



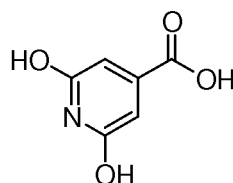
picolinic acid



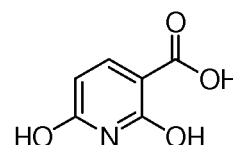
3-hydroxypicolinic acid



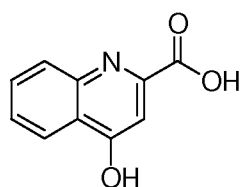
6-hydroxynicotinic acid



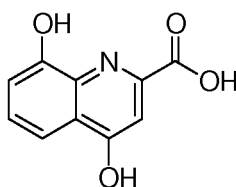
citrazinic acid



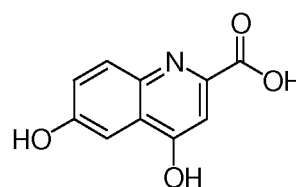
2,6-dihydroxynicotinic acid



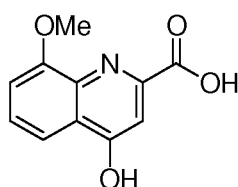
kynurenic acid



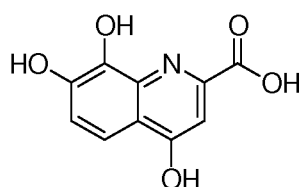
xanthurenic acid



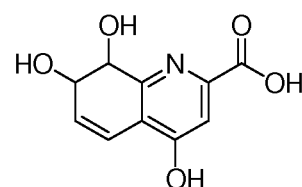
6-hydroxy-kynurenic acid



8-methoxykynurenic acid



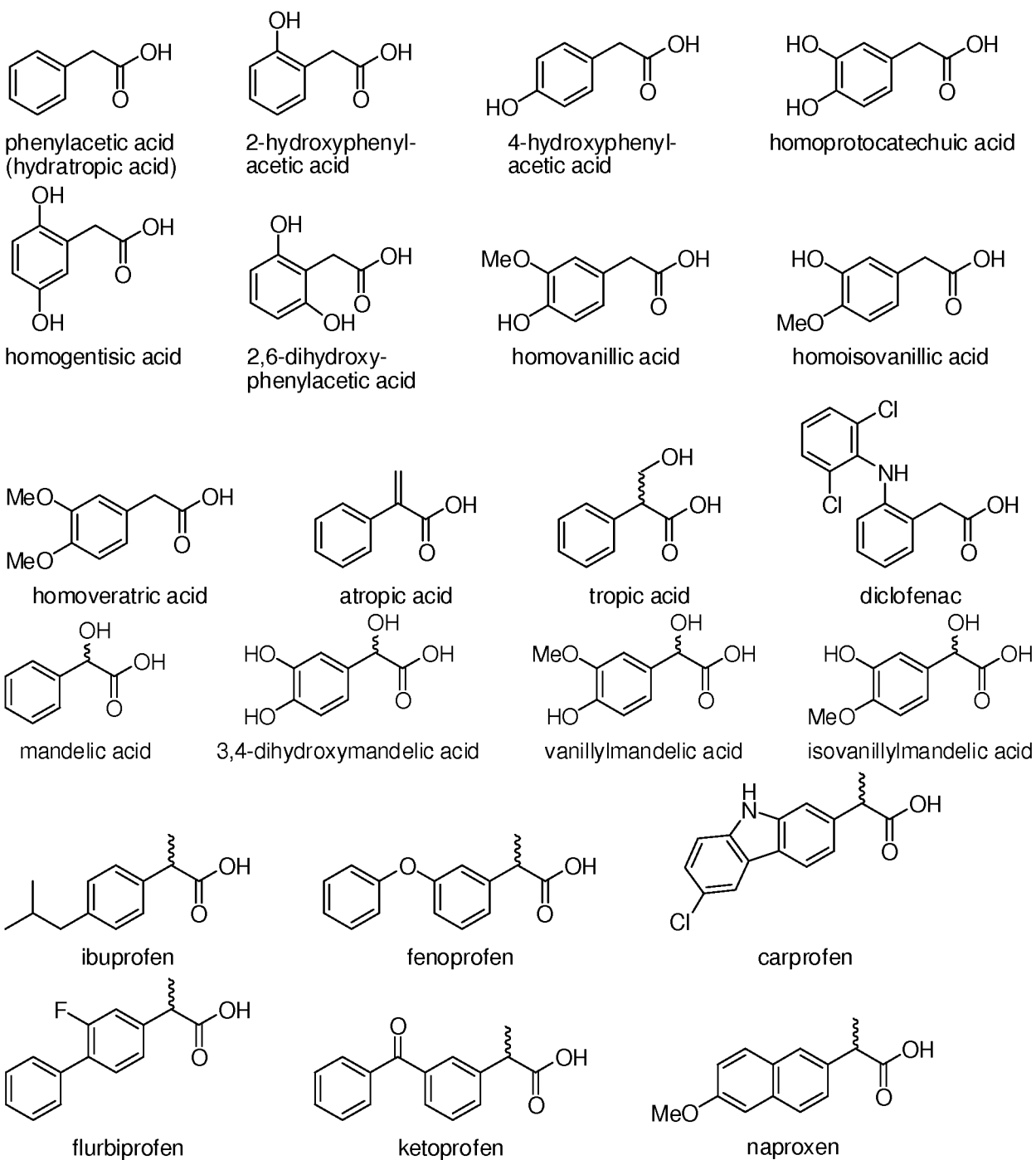
7,8-dihydroxykynurenic acid



7,8-dihydro-7,8-dihydroxykynurenic acid

5/30

FIGURE 5



6/30

FIGURE 6

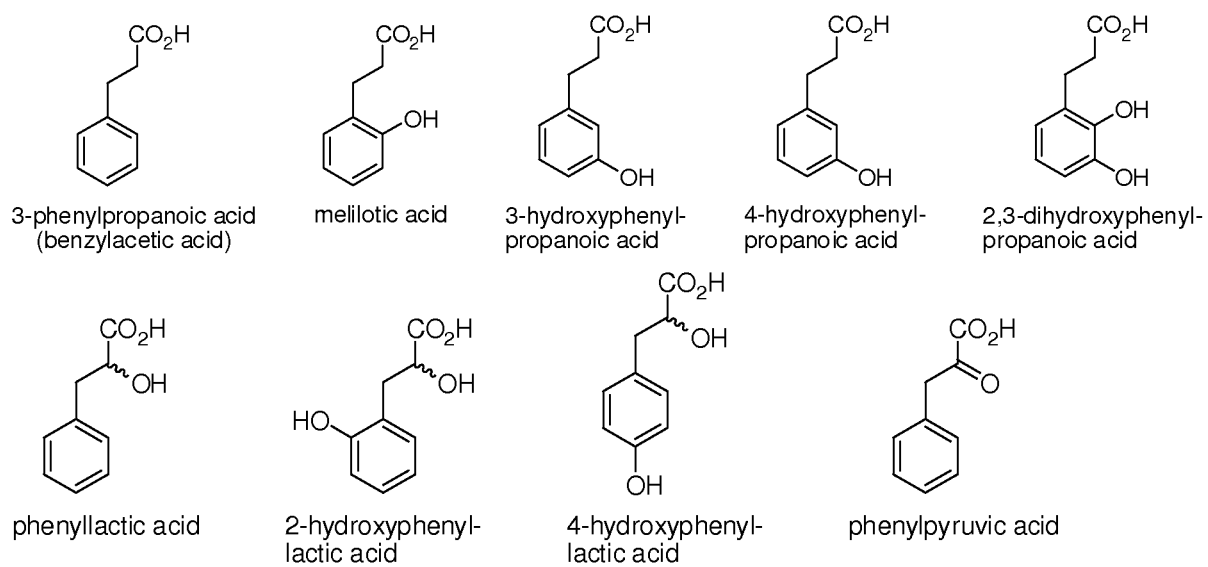
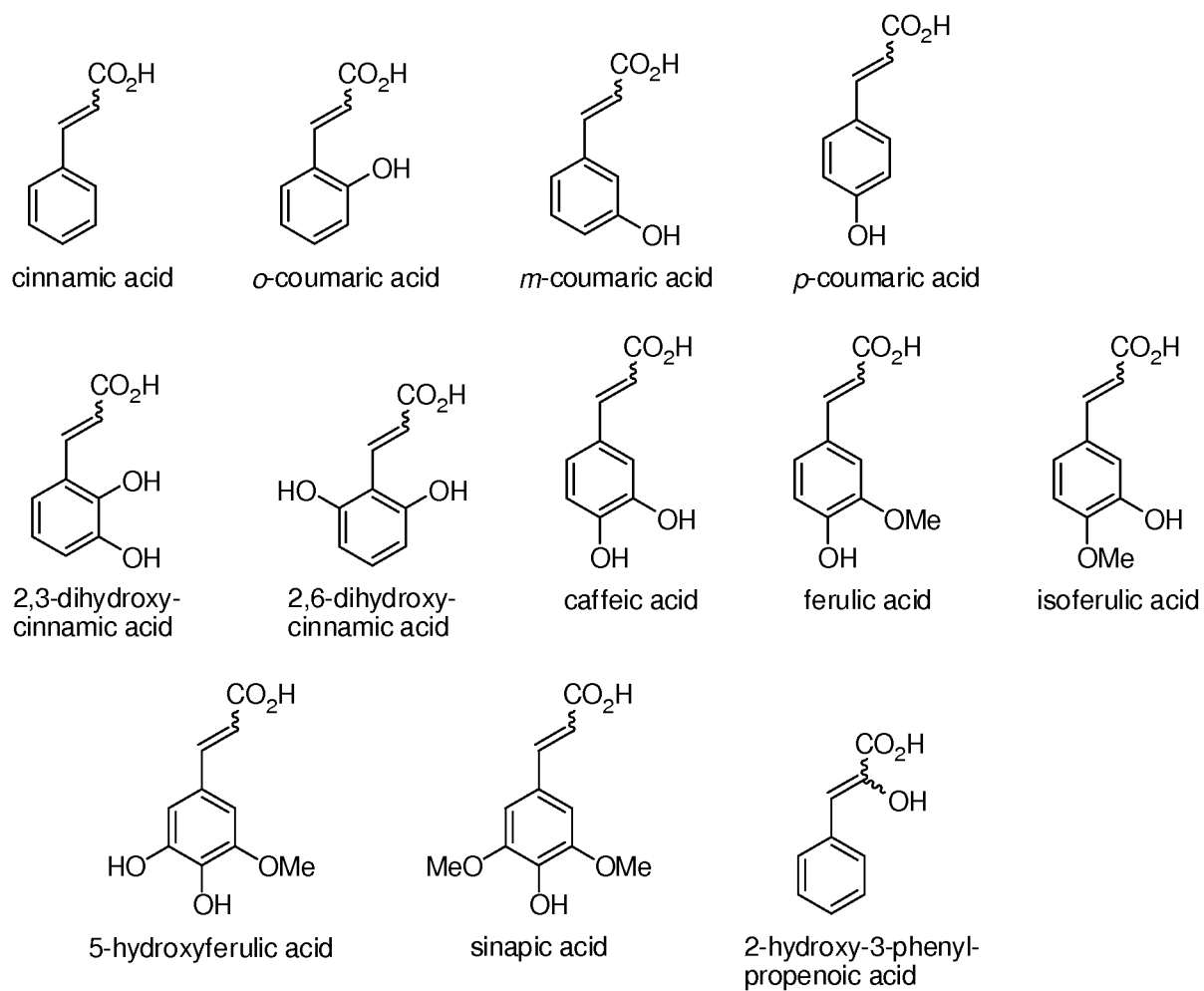
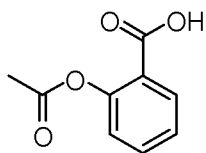


FIGURE 7

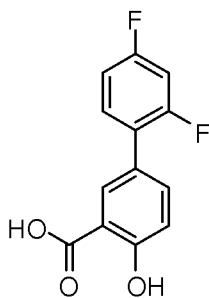


8/30

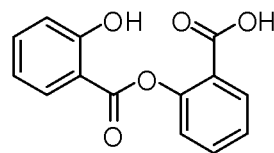
FIGURE 8

Salicylates

Aspirin



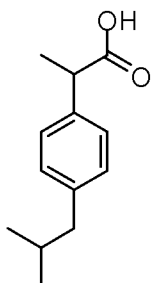
Diflusal



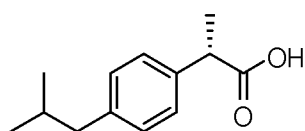
Salicylate

9/30

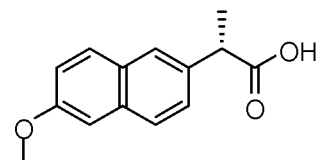
FIGURE 9

Propionates

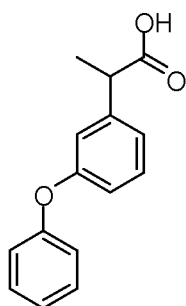
Ibuprofen



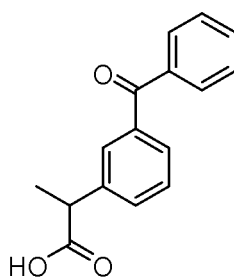
Dexibuprofen



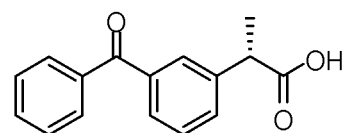
Naproxen



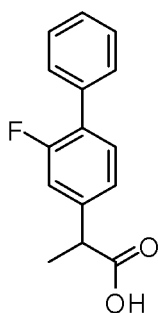
Fenopropfen



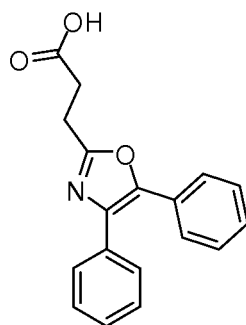
Ketoprofen



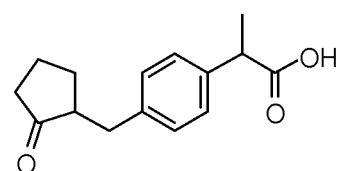
Dexketoprofen



Flurbiprofen



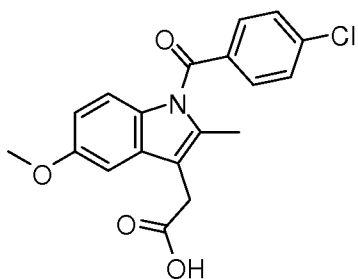
Oxaprozin



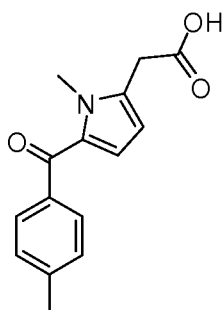
Loxoprofen

10/30

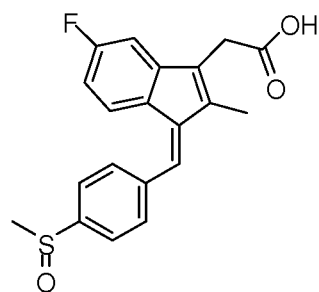
FIGURE 10

Acetates

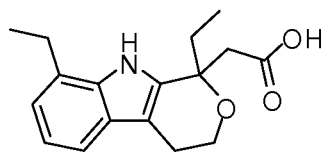
Indomethacin



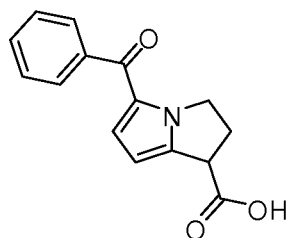
Tolmetin



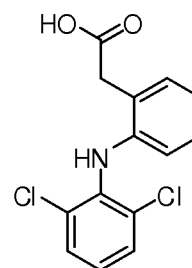
Sulindac



Etodolac

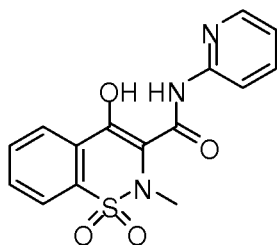


Ketorolac

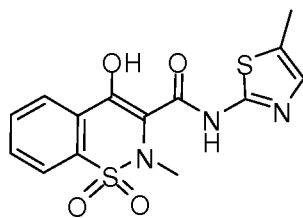


Diclofenac

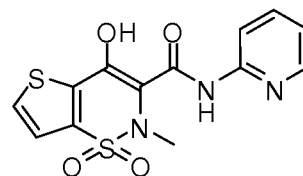
FIGURE 11

Oxicams

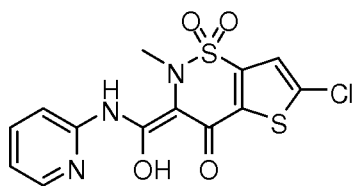
Piroxicam



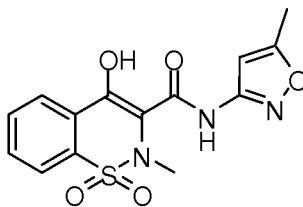
Meloxicam



Tenoxicam



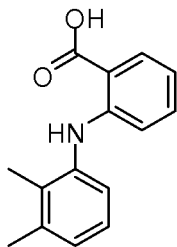
Lornoxicam



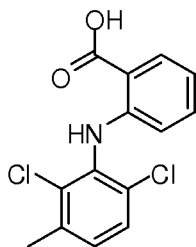
Isoxicam

12/30

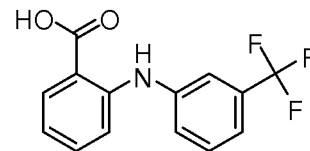
FIGURE 12

Fenamates

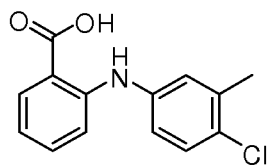
Mefenamic acid



Meclofenamic acid



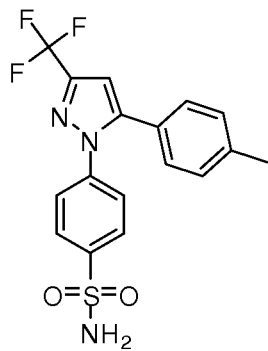
Flufenamic acid



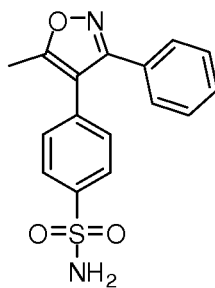
Tolfenamic acid

13/30

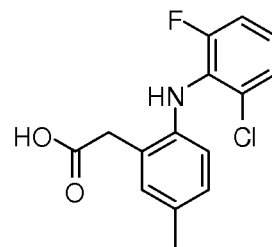
FIGURE 13

Selective COX-2 Inhibitors

Celecoxib



Valdecoxib



Lumiracoxib

FIGURE 14

Oral PK Curves

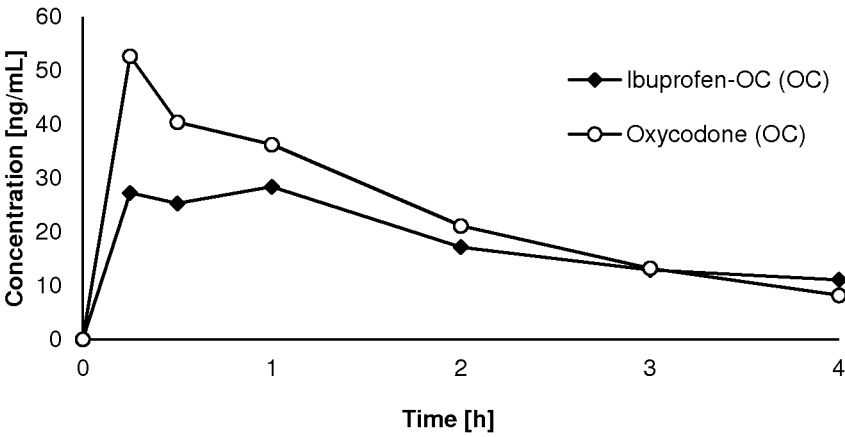


FIGURE 15

Oral PK Curves

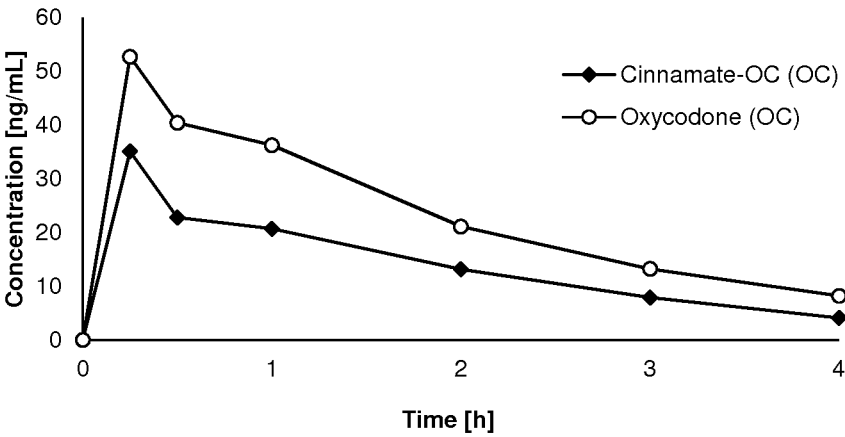


FIGURE 16

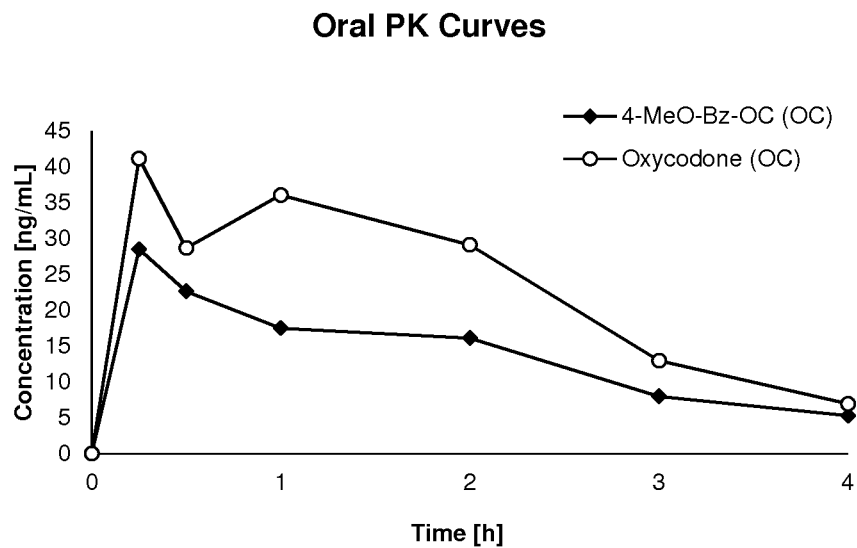
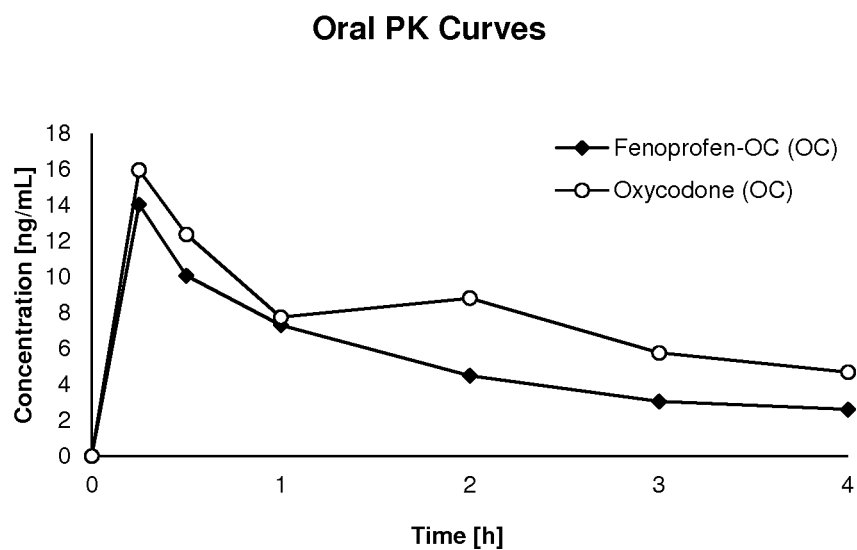


FIGURE 17



16/30

FIGURE 18

Oral PK Curves

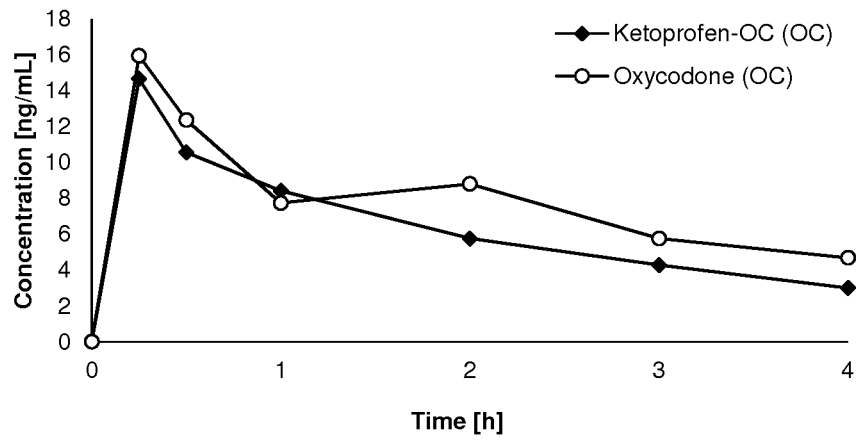
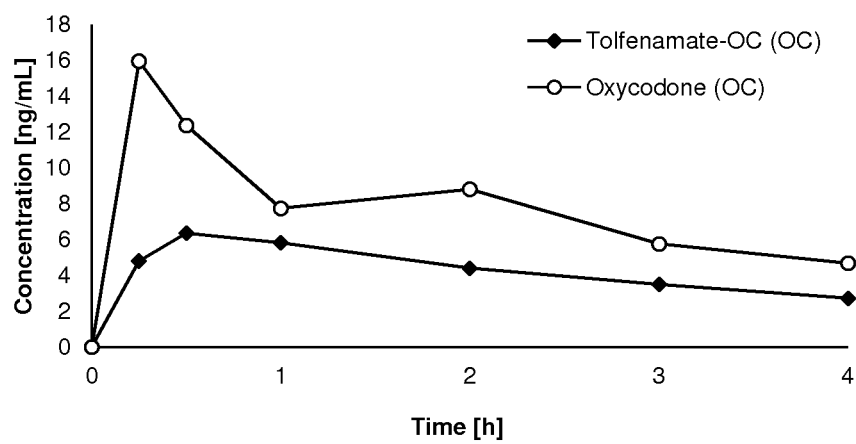


FIGURE 19

Oral PK Curves



17/30

FIGURE 20

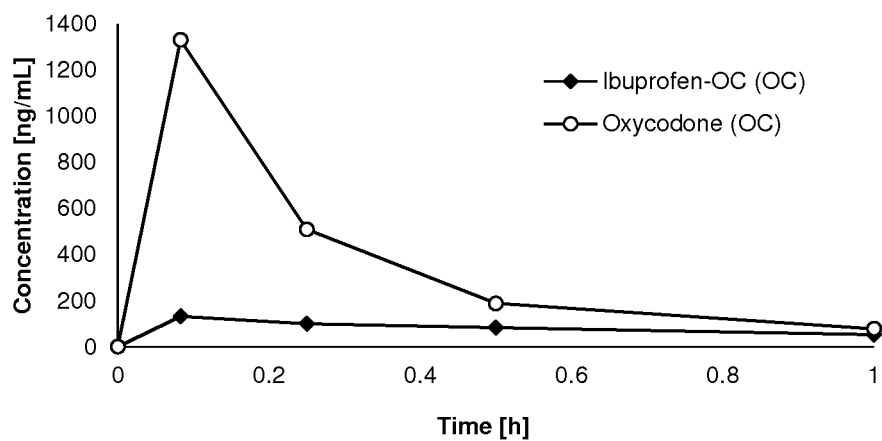
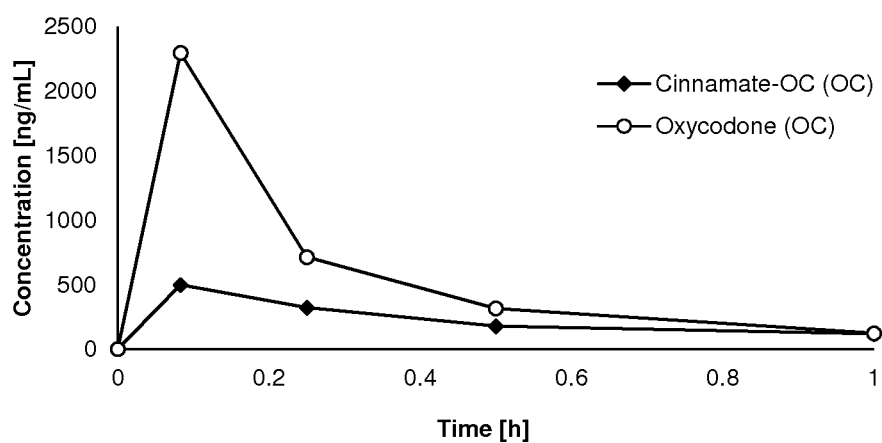
Intranasal PK Curves

FIGURE 21

Intranasal PK Curves

18/30

FIGURE 22

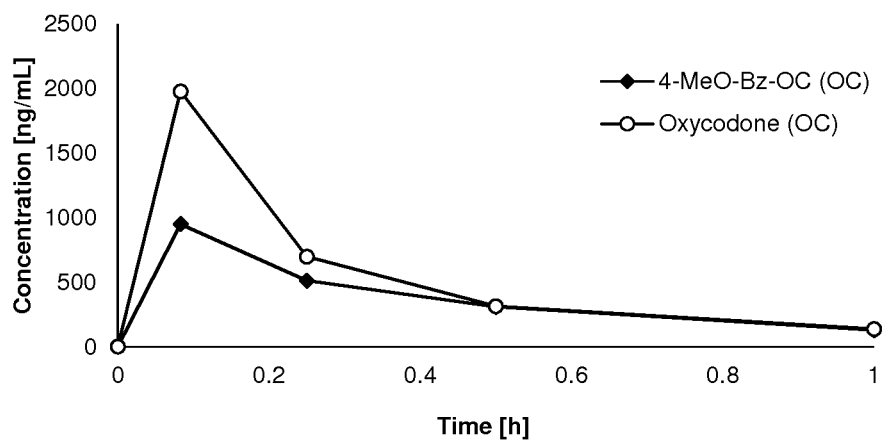
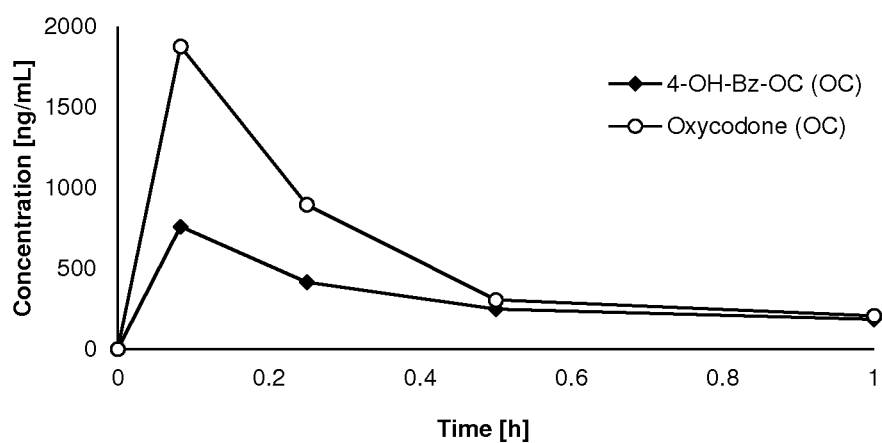
Intranasal PK Curves

FIGURE 23

Intranasal PK Curves

19/30

FIGURE 24

Oral PK Curves

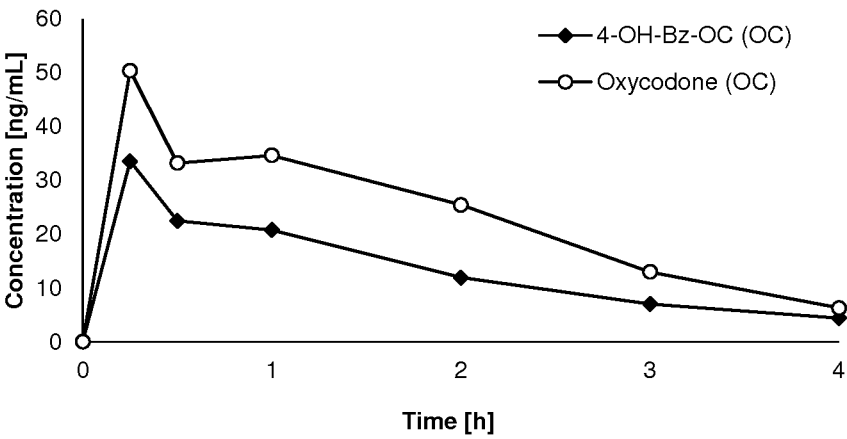


FIGURE 25

Oral PK Curves

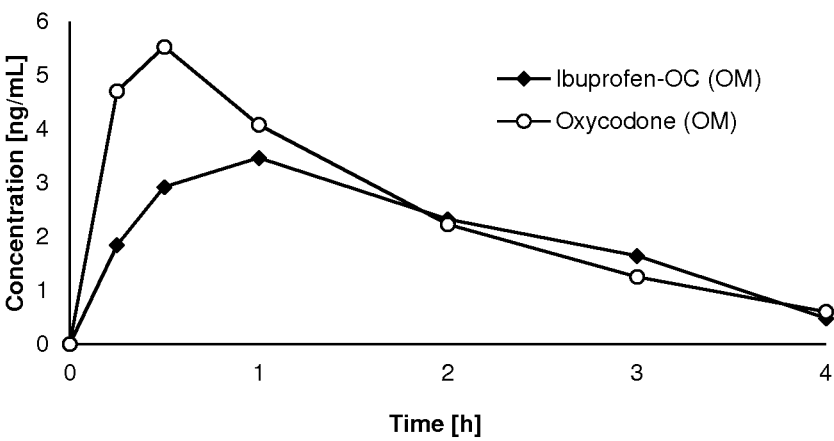


FIGURE 26

Oral PK Curves

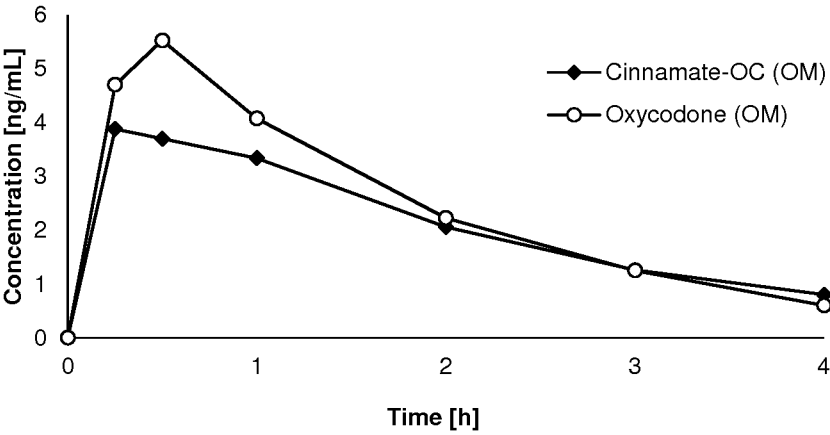


FIGURE 27

Oral PK Curves

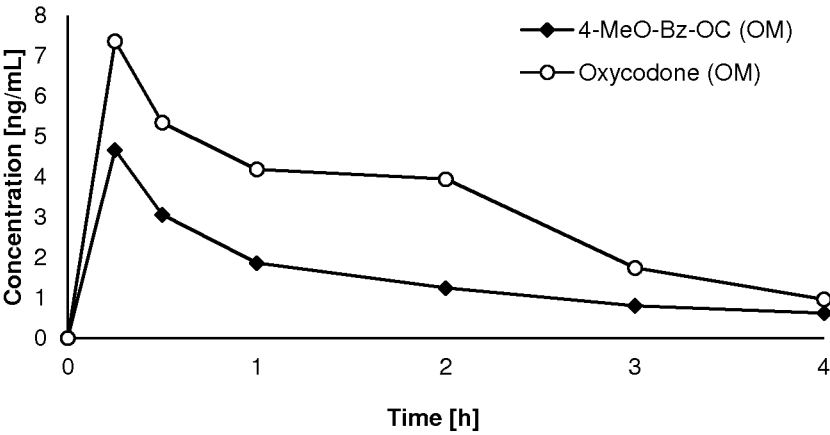


FIGURE 28

Oral PK Curves

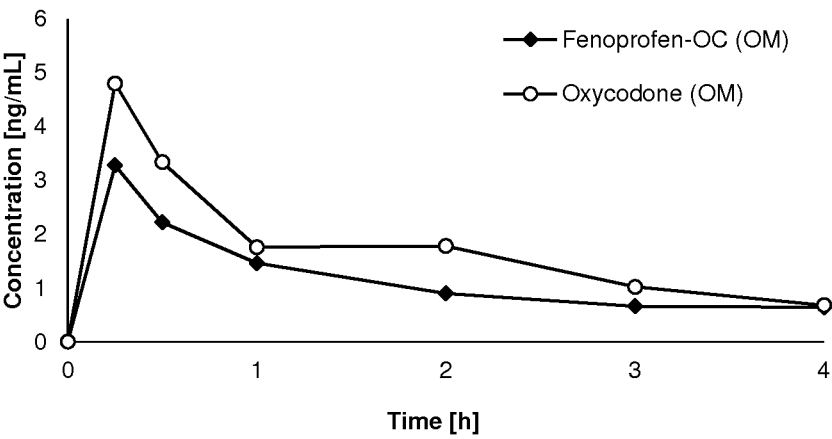


FIGURE 29

Oral PK Curves

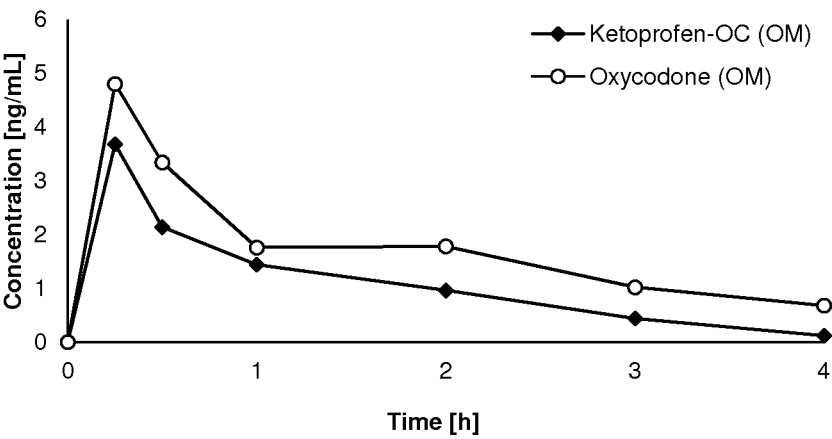


FIGURE 30

Oral PK Curves

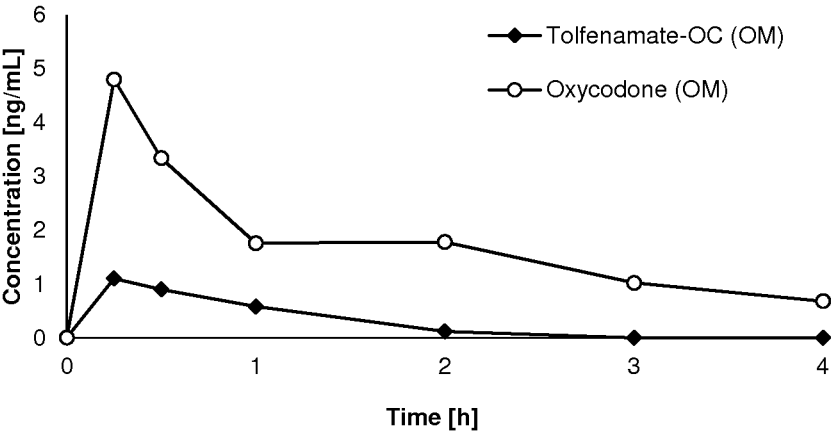
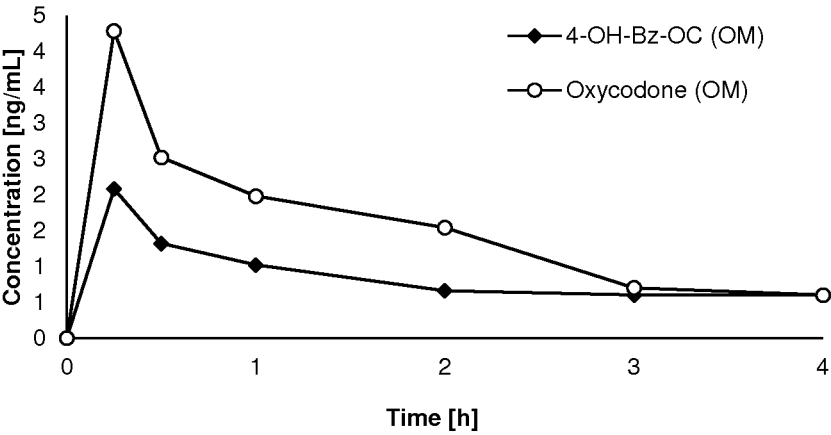


FIGURE 31

Oral PK Curves



23/30

FIGURE 32

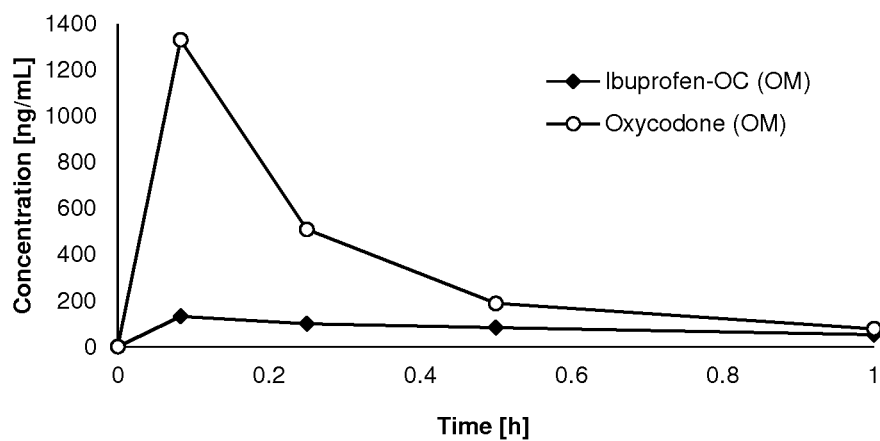
Intranasal PK Curves

FIGURE 33

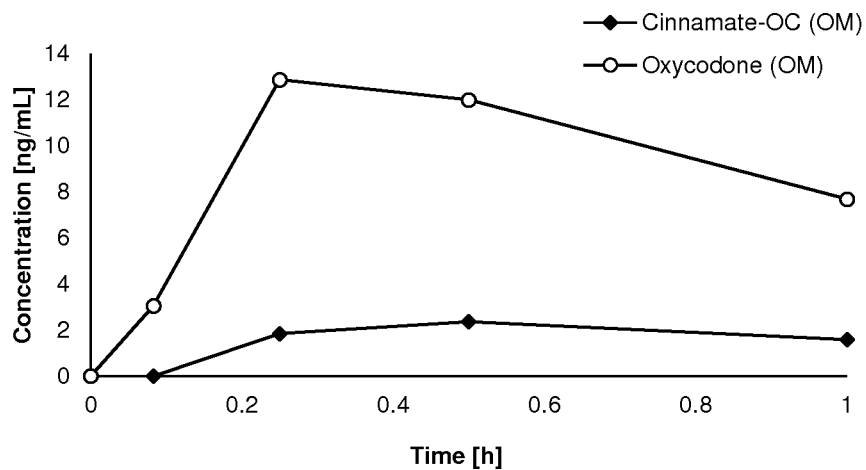
Intranasal PK Curves

FIGURE 34

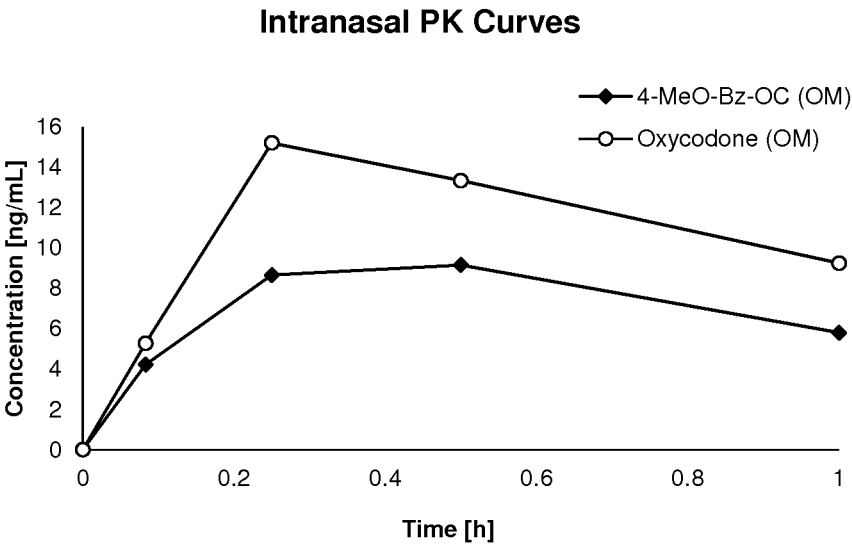
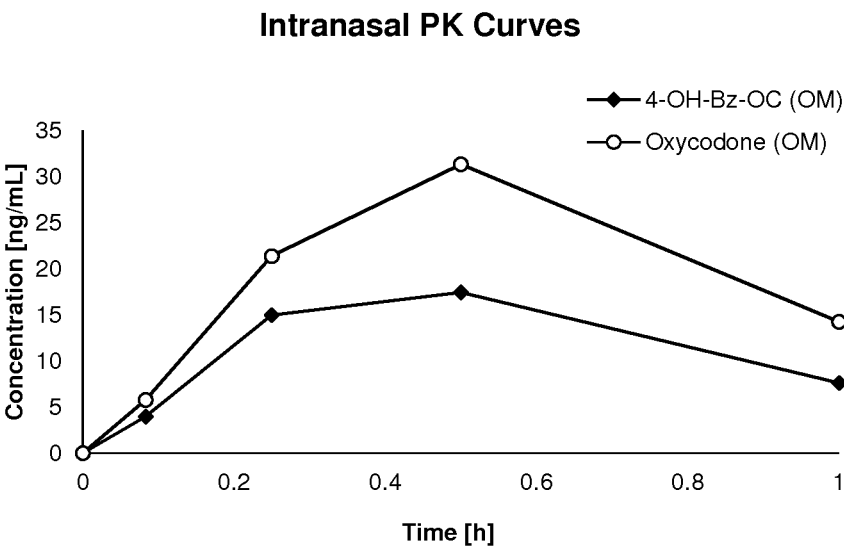


FIGURE 35



25/30

FIGURE 36

Oral PK Curves

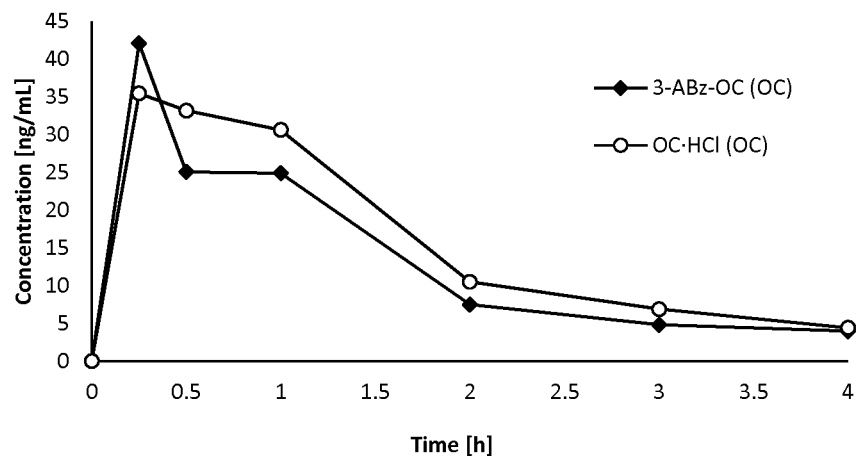
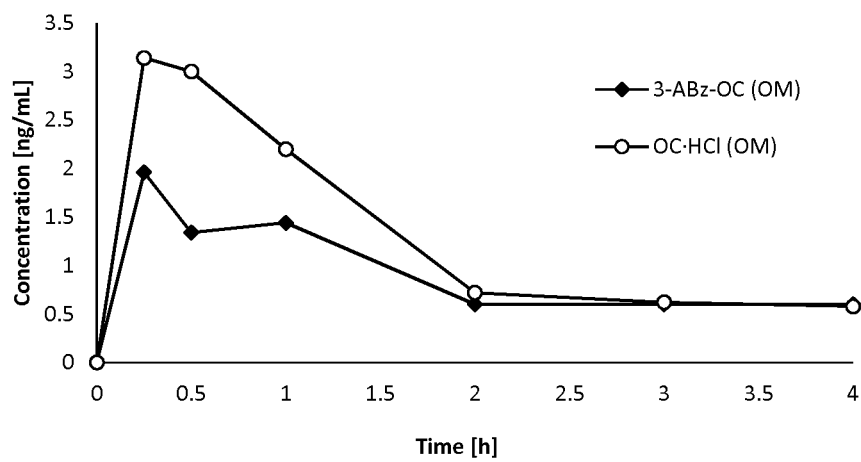


FIGURE 37

Oral PK Curves



26/30

FIGURE 38

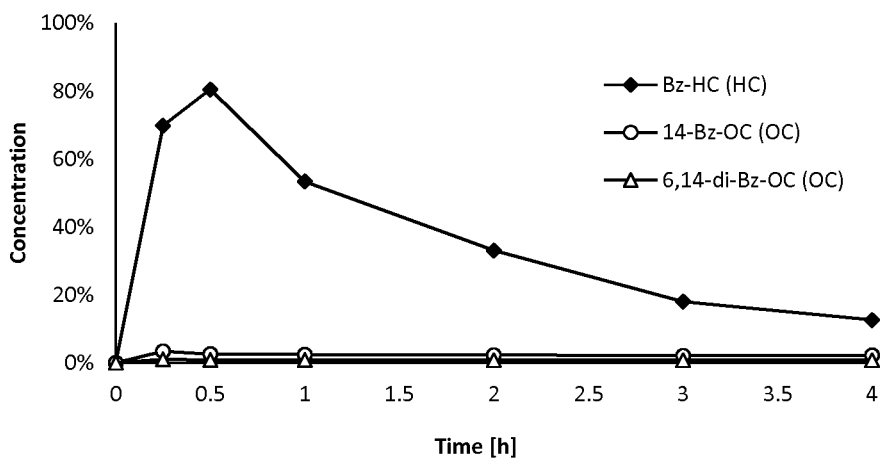
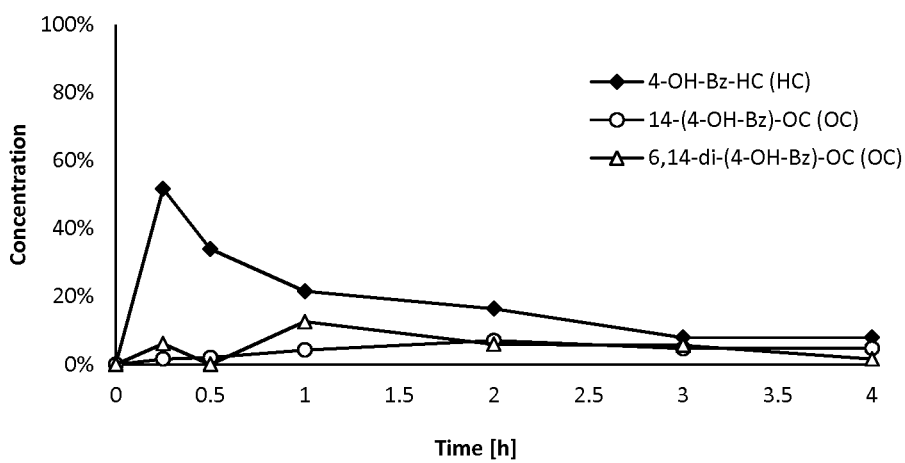
Relative Oral PK Curves

FIGURE 39

Relative Oral PK Curves

27/30

FIGURE 40

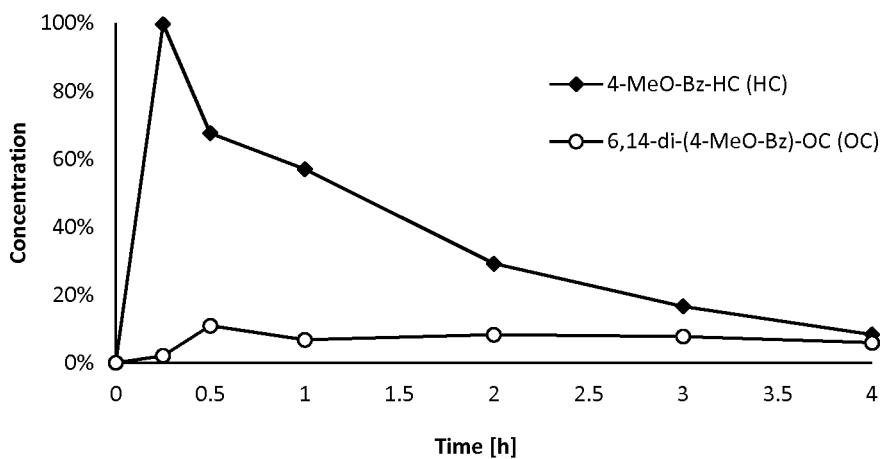
Relative Oral PK Curves

FIGURE 41

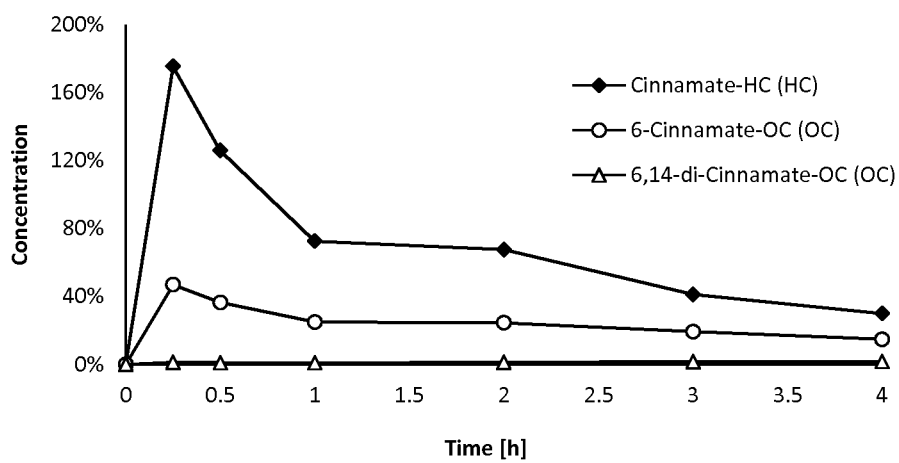
Relative Oral PK Curves

FIGURE 42

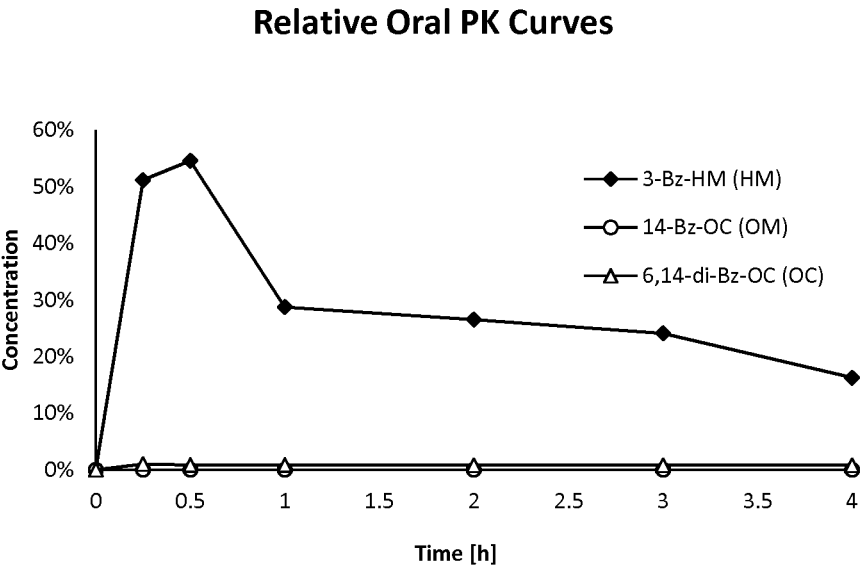
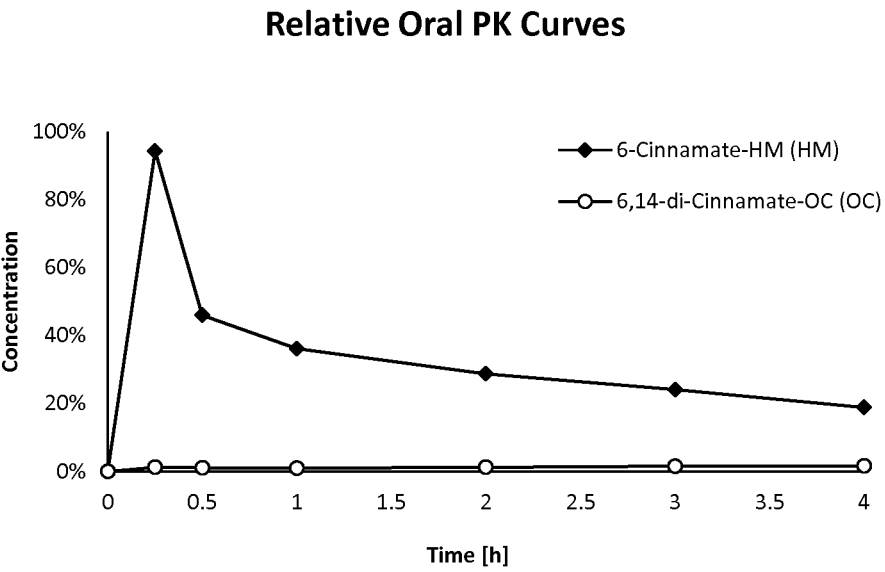


FIGURE 43



29/30

FIGURE 44

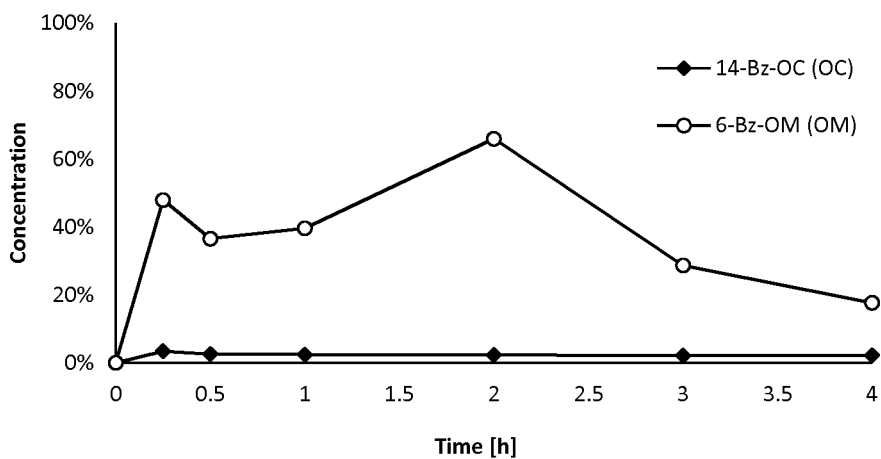
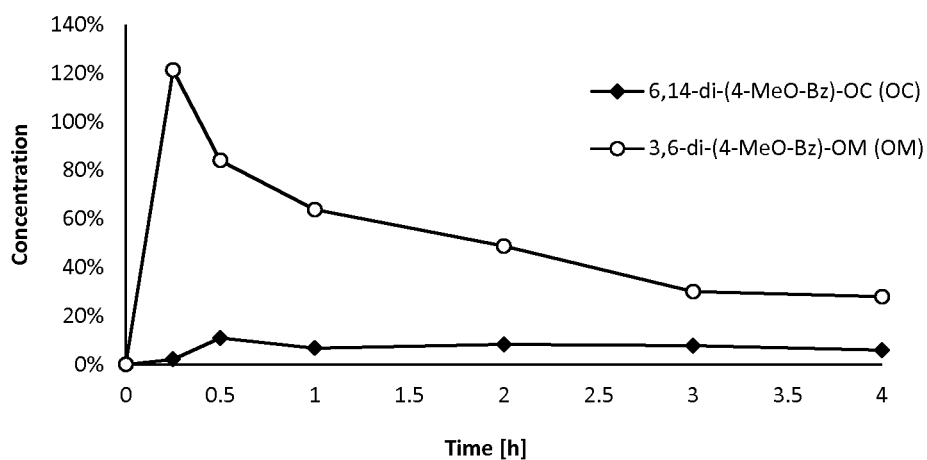
Relative Oral PK Curves

FIGURE 45

Relative Oral PK Curves

30/30

FIGURE 46

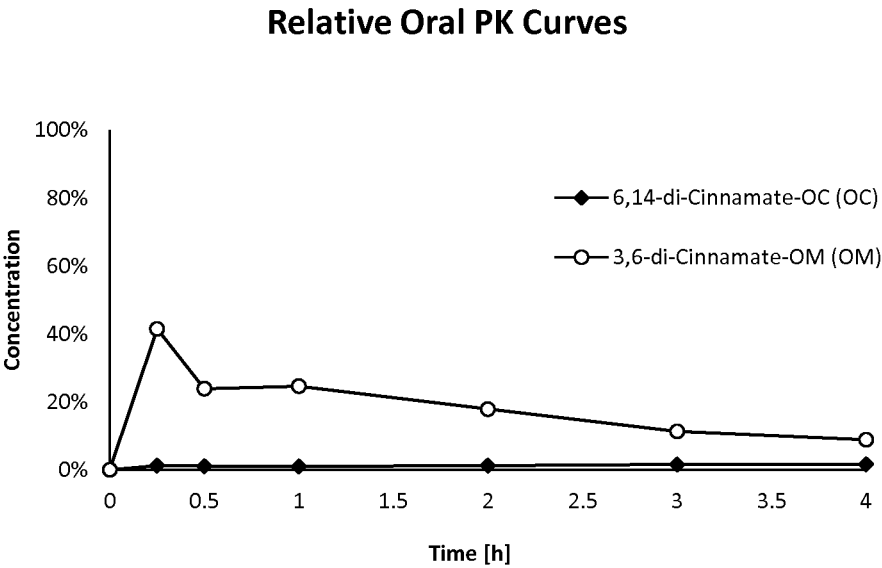


FIGURE 47

