

Sequence Listing Information:

DTD Version: V1_3
File Name: Pharma/IMG016PCT.xml
Software Name: WIPO Sequence
Software Version: 2.2.0
Production Date: 2022-12-09

General Information:

Current application / Applicant file reference: IMG016.PCT
Earliest priority application / IP Office: US
Earliest priority application / Application number: 63/288579
Earliest priority application / Filing date: 2021-12-11
Applicant name: IMAGINE PHARMA LLC
Applicant name / Language: en
Invention title: COMPOSITIONS AND METHODS FOR ORAL ADMINISTRATION (en)
Sequence Total Quantity: 57

Sequences:

Sequence Number (ID): 1

Length: 50

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..50
 - > mol_type, protein
 - > organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGA 50

Sequence Number (ID): 2

Length: 49

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..49
 - > mol_type, protein
 - > organism, unidentified

Residues:

ADDAGAAGGP GPGGPGMGNG RGGFRGGFGS GIRGRGRGRG RGRGRGRGA 49

Sequence Number (ID): 3

Length: 48

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..48
 - > mol_type, protein
 - > organism, unidentified

Residues:

DDAGAAGGPG GPGGPGMGNGR GGFRGGFGSG IRGRGRGRGR GRGRGRGA 48

Sequence Number (ID): 4

Length: 47

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..47
 - > mol_type, protein
 - > organism, unidentified

Residues:

DAGAAGGPGG PGGPGMGNRG GFRGGFGSGI RGRGRGRGRG RGRGRGA 47

Sequence Number (ID): 5

Length: 46

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..46
 - > mol_type, protein
 - > organism, unidentified

Residues:

AGAAGGPGGP GPGMGNRGG FRGGFGSGIR GRGRGRGRGR GRGRGA 46

Sequence Number (ID): 6

Length: 45

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..45
 - > mol_type, protein
 - > organism, unidentified

Residues:

GAAGGPGGPG GPGMGNRGGF RGGFGSGIRG RGRGRGRGRG RGRGA 45

Sequence Number (ID): 7

Length: 44

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..44
 - > mol_type, protein
 - > organism, unidentified

Residues:

AAGGPGGPGG PGMGNRGGFR GGFSGIRGR GRGRGRGRGR GRGA 44

Sequence Number (ID): 8

Length: 43

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..43
 - > mol_type, protein
 - > organism, unidentified

Residues:

AGGPGGPGGP GMGNRGGFRG GFGSGIRGRG RGRGRGRGRG RGA 43

Sequence Number (ID): 9

Length: 42

Molecule Type: AA
Features Location/Qualifiers:
- source, 1..42
> mol_type, protein
> organism, unidentified

Residues:
GGPGGPGGPG MGNRGGFRGG FGSGIRGRGR GRGRGRGRGR GA 42

Sequence Number (ID): 10
Length: 41
Molecule Type: AA
Features Location/Qualifiers:
- source, 1..41
> mol_type, protein
> organism, unidentified

Residues:
GPGGPGGPGM GNRGGFRGGF GSGIRGRGRG RGRGRGRGRG A 41

Sequence Number (ID): 11
Length: 40
Molecule Type: AA
Features Location/Qualifiers:
- source, 1..40
> mol_type, protein
> organism, unidentified

Residues:
PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGA 40

Sequence Number (ID): 12
Length: 39
Molecule Type: AA
Features Location/Qualifiers:
- source, 1..39
> mol_type, protein
> organism, unidentified

Residues:
GGPGGPGMGN RGGFRGGFGS GIRGRGRGRG RGRGRGRGA 39

Sequence Number (ID): 13
Length: 38
Molecule Type: AA
Features Location/Qualifiers:
- source, 1..38
> mol_type, protein
> organism, unidentified

Residues:
GPGGPGMGMR GGFRGGFGSG IRGRGRGRGR GRGRGRGA 38

Sequence Number (ID): 14

Length: 37
 Molecule Type: AA
 Features Location/Qualifiers:
 - source, 1..37
 > mol_type, protein
 > organism, unidentified
 Residues:
 PGGPGMGNRG GFRGGFGSGI RGRGRGRGRG RGRGRGA 37

Sequence Number (ID): 15
 Length: 36
 Molecule Type: AA
 Features Location/Qualifiers:
 - source, 1..36
 > mol_type, protein
 > organism, unidentified
 Residues:
 GGPGMGNRGG FRGGFGSGIR GRGRGRGRGR GRGRGA 36

Sequence Number (ID): 16
 Length: 35
 Molecule Type: AA
 Features Location/Qualifiers:
 - source, 1..35
 > mol_type, protein
 > organism, unidentified
 Residues:
 GPGMGNRGGF RGGFGSGIRG RGRGRGRGRG RGRGA 35

Sequence Number (ID): 17
 Length: 34
 Molecule Type: AA
 Features Location/Qualifiers:
 - source, 1..34
 > mol_type, protein
 > organism, unidentified
 Residues:
 PGMGNRGGFR GGFGSGIRGR GRGRGRGRGR GRGA 34

Sequence Number (ID): 18
 Length: 33
 Molecule Type: AA
 Features Location/Qualifiers:
 - source, 1..33
 > mol_type, protein
 > organism, unidentified
 Residues:
 GMGNRGGFRG GFGSGIRGRG RGRGRGRGRG RGA 33

Sequence Number (ID): 19

Length: 32

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..32
 - > mol_type, protein
 - > organism, unidentified

Residues:

MGNRGGFRGG FGSGIRGRGR GRGRGRGRGR GA 32

Sequence Number (ID): 20

Length: 31

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..31
 - > mol_type, protein
 - > organism, unidentified

Residues:

GNRGGFRGGF GSGIRGRGRG RGRGRGRGRG A 31

Sequence Number (ID): 21

Length: 50

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..50
 - > mol_type, protein
 - > organism, unidentified

Residues:

MADDAGAAGG PGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGK 50

Sequence Number (ID): 22

Length: 49

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..49
 - > mol_type, protein
 - > organism, unidentified

Residues:

ADDAGAAGGP GPGGPGMG N RGGFRGGFGS GIRGRGRGRG RGRGRGRGK 49

Sequence Number (ID): 23

Length: 48

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..48
 - > mol_type, protein
 - > organism, unidentified

Residues:

DDAGAAGGPG GPGGPGMG NR GGFRGGFGSG IRGRGRGRGR GRGRGRGK 48

Sequence Number (ID): 24
Length: 47
Molecule Type: AA
Features Location/Qualifiers:
 - source, 1..47
 > mol_type, protein
 > organism, unidentified
Residues:
DAGAAGGPGG PGGPMGNRG GFRGGFGSGI RGRGRGRGRG RGRGRGK 47

Sequence Number (ID): 25
Length: 46
Molecule Type: AA
Features Location/Qualifiers:
 - source, 1..46
 > mol_type, protein
 > organism, unidentified
Residues:
AGAAGGPGGP GPGPMGNRGG FRGGFGSGIR GRGRGRGRGR GRGRGK 46

Sequence Number (ID): 26
Length: 45
Molecule Type: AA
Features Location/Qualifiers:
 - source, 1..45
 > mol_type, protein
 > organism, unidentified
Residues:
GAAGGPGGPG GPGMGNRGGF RGGFGSGIRG RGRGRGRGRG RGRGK 45

Sequence Number (ID): 27
Length: 44
Molecule Type: AA
Features Location/Qualifiers:
 - source, 1..44
 > mol_type, protein
 > organism, unidentified
Residues:
AAGGPGGPGG PGMGNRGGFR GGFSGIRGR GRGRGRGRGR GRGK 44

Sequence Number (ID): 28
Length: 43
Molecule Type: AA
Features Location/Qualifiers:
 - source, 1..43
 > mol_type, protein
 > organism, unidentified
Residues:

AGGPGGPGGP GMGNRGGFRG FFGSGIRGRG RGRGRGRGRG RGK 43

Sequence Number (ID): 29

Length: 42

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..42
 - > mol_type, protein
 - > organism, unidentified

Residues:

GGPGGPGGPG MGNRGGFRGG FFGSGIRGRGR GRGRGRGRGR GK 42

Sequence Number (ID): 30

Length: 41

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..41
 - > mol_type, protein
 - > organism, unidentified

Residues:

GPGGPGGPGM GNRGGFRGGF GSGIRGRGRG RGRGRGRGRG K 41

Sequence Number (ID): 31

Length: 40

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..40
 - > mol_type, protein
 - > organism, unidentified

Residues:

PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGK 40

Sequence Number (ID): 32

Length: 39

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..39
 - > mol_type, protein
 - > organism, unidentified

Residues:

GGPGGPGMGN RGGFRGGFGS GIRGRGRGRG RGRGRGRGK 39

Sequence Number (ID): 33

Length: 38

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..38
 - > mol_type, protein
 - > organism, unidentified

Residues:
GPGGPGMGNR GGFRGGFGSG IRGRGRGRGR GRGRGRGK 38

Sequence Number (ID): 34
Length: 37
Molecule Type: AA
Features Location/Qualifiers:
- source, 1..37
 > mol_type, protein
 > organism, unidentified

Residues:
PGGPGMGNRG GFRGGFGSGI RGRGRGRGRG RGRGRGK 37

Sequence Number (ID): 35
Length: 36
Molecule Type: AA
Features Location/Qualifiers:
- source, 1..36
 > mol_type, protein
 > organism, unidentified

Residues:
GGPGMGNRGG FRGGFGSGIR GRGRGRGRGR GRGRGK 36

Sequence Number (ID): 36
Length: 35
Molecule Type: AA
Features Location/Qualifiers:
- source, 1..35
 > mol_type, protein
 > organism, unidentified

Residues:
GPGMGNRGGF RGGFGSGIRG RGRGRGRGRG RGRGK 35

Sequence Number (ID): 37
Length: 34
Molecule Type: AA
Features Location/Qualifiers:
- source, 1..34
 > mol_type, protein
 > organism, unidentified

Residues:
PGMGNRGGFR GGFGSGIRGR GRGRGRGRGR GRGK 34

Sequence Number (ID): 38
Length: 33
Molecule Type: AA
Features Location/Qualifiers:
- source, 1..33
 > mol_type, protein

> organism, unidentified

Residues:

GMGNRGGFRG GFGSGIRGRG RGRGRGRGRG RGK 33

Sequence Number (ID): 39

Length: 32

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..32

> mol_type, protein

> organism, unidentified

Residues:

MGNRGGFRGG FGSGIRGRGR GRGRGRGRGR GK 32

Sequence Number (ID): 40

Length: 31

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..31

> mol_type, protein

> organism, unidentified

Residues:

GNRGGFRGGF GSGIRGRGRG RGRGRGRGRG K 31

Sequence Number (ID): 41

Length: 216

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..216

> mol_type, protein

> organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGA APPRLICDSR 60
VLERYLLEAK EAENITTGCA EHCSLNENIT VPDTKVNFYA WKRMEVGQQA VEVWQGLALL 120
SEAVLRGQAL LVNSSQPWEP LQLHVDKAVS GLRSLTLLR ALGAQKEAIS PPDAASAAPL 180
RTITADTFRK LFRVYSNFLR GKLKLYTGEA CRTGDR 216

Sequence Number (ID): 42

Length: 89

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..89

> mol_type, protein

> organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGA HEGTFTSDL 60
SKQMEEEA VR LFIEWLKNGG PSSGAPPPS 89

Sequence Number (ID): 43

Length: 89

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..89
 - > mol_type, protein
 - > organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGX HEGTFTSDL 60
SKQMEEEAVR LFIWLKNGG PSSGAPPPS 89

Sequence Number (ID): 44

Length: 81

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..81
 - > mol_type, protein
 - > organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGA HAEGTFTSDV 60
SSYLEGQAAK EFIAWLVRGR G 81

Sequence Number (ID): 45

Length: 81

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..81
 - > mol_type, protein
 - > organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGX HAEGTFTSDV 60
SSYLEGQAAK EFIAWLVRGR G 81

Sequence Number (ID): 46

Length: 131

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..131
 - > mol_type, protein
 - > organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGA HAEGTFTSDV 60
SSYLEGQAAK EFIAWLVRGR GMADDAGAAG GPGGPGGPGM GNRGGFRGGF GSGIRGRGRG 120
RGRGRGRGRG A 131

Sequence Number (ID): 47

Length: 86

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..86

> mol_type, protein
> organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGA HDEFERHAEG 60
TFTSDVSSYL EGQAAKEFIA WLVKGR 86

Sequence Number (ID): 48

Length: 86

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..86
> mol_type, protein
> organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGX HDEFERHAEG 60
TFTSDVSSYL EGQAAKEFIA WLVKGR 86

Sequence Number (ID): 49

Length: 58

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..58
> mol_type, protein
> organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGA FCFWKTCT 58

Sequence Number (ID): 50

Length: 58

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..58
> mol_type, protein
> organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGRGX FCFWKTCT 58

Sequence Number (ID): 51

Length: 166

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..166
> mol_type, protein
> organism, unidentified

Residues:

APPRLICDSR VLERYLLEAK EAENITTGCA EHCSLNENIT VPDTKVNIFYA WKRMEVGQQA 60
VEVWQGLALL SEAVLRGQAL LVNSSQPWEP LQLHVDKAVS GLRSLTLLR ALGAQKEAIS 120
PPDAASAAPL RTITADTFRK LFRVYSNFLR GKLKLYTGEA CRTGDR 166

Sequence Number (ID): 52

Length: 8

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..8
 - > mol_type, protein
 - > organism, synthetic construct

Residues:

FCFWKTCT 8

Sequence Number (ID): 53

Length: 39

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..39
 - > mol_type, protein
 - > organism, unidentified

Residues:

HGEGTFTSDL SKQMEEEA VR LFIEWLKN GG PSSGAPPPS 39

Sequence Number (ID): 54

Length: 32

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..32
 - > mol_type, protein
 - > organism, synthetic construct

Residues:

HAEGTFTSDV SSYLEGQAAK EEFI AVLVRG RG 32

Sequence Number (ID): 55

Length: 36

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..36
 - > mol_type, protein
 - > organism, UNIDENTIFIED

Residues:

HDEFERHAEG TFTSDVSSYL EGQAAKEFIA WLVKGR 36

Sequence Number (ID): 56

Length: 168

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..168
 - > mol_type, protein
 - > organism, unidentified

Residues:

GAAPRLICD SRVLERYLLE AKEAENIT TG CAEHC SLNEN ITVPD TKVNF YAWKRMEVGQ 60

QAVEVWQGLA LLSEAVLRGQ ALLVNSSQPW EPLQLHVDKA VSGLRSLTTL LRALGAQKEA 120
ISPPDAASAA PLRTITADTF RKLFRVYSNF LRGKCLKYTG EACRTGDR 168

Sequence Number (ID): 57

Length: 48

Molecule Type: AA

Features Location/Qualifiers:

- source, 1..48

> mol_type, protein

> organism, unidentified

Residues:

MADDAGAAGG PGGPGGPGMG NRGGFRGGFG SGIRGRGRGR GRGRGRGR 48

END