Dry extract resolubilized in 1 ml of the eluent system hexane:ether 3:7

Eluent system	Hexane: Ether 3:7				Acetone:EtOH 95:5	Acetone:EtOH 93:7	EtOH
Group of fractions	F1- F12	F13- F19	F20 - F24	F25- F29	F30-F40	F41-F81	F82- F122	F123-F163
Volume	12ml	7ml	5ml	5ml	10ml	40ml	40ml	20ml
Compound(s) detected	Lipids	BIM2b	BIM2b and CH	BIM2b and CH	BIM2b and CH	BIM2b and CH	BIM2b and CH	0 compound

Fig. 1

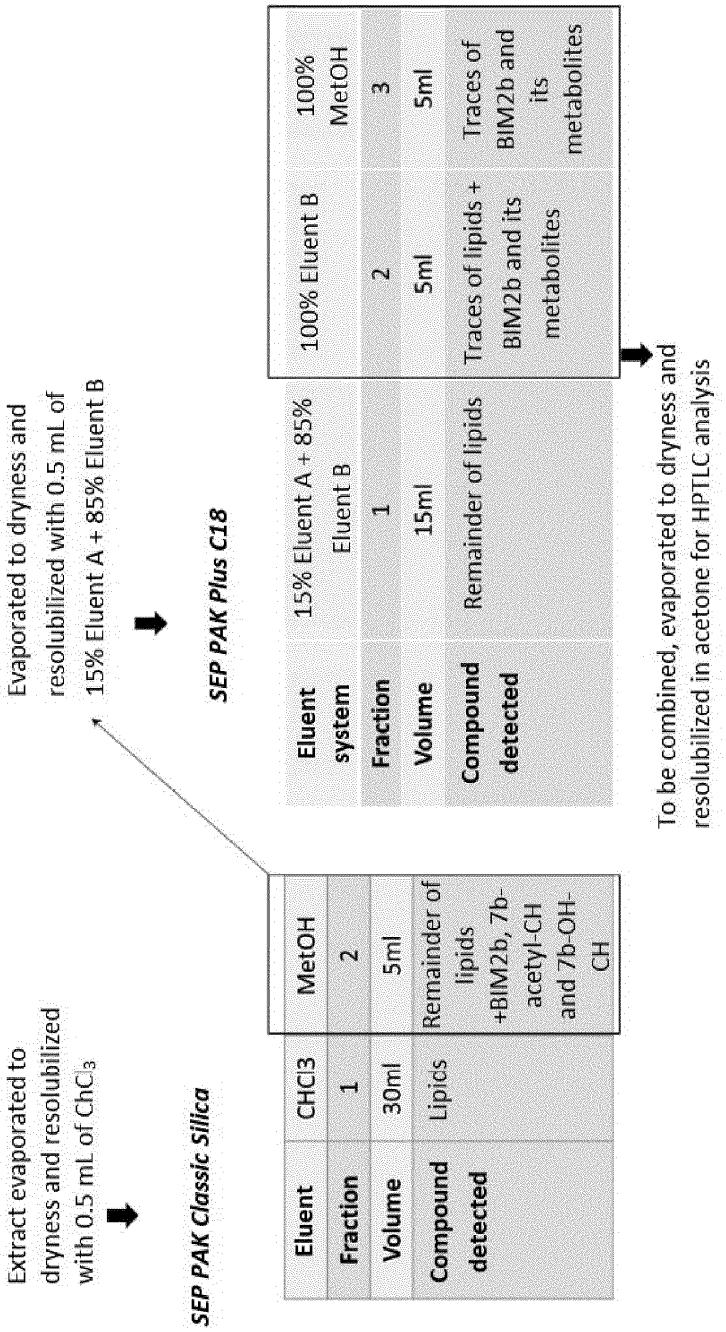

Extract evaporated to dryness and resolubilized with 0.5 mL of $ChCl_3$
SEP PAK Classic Silica
Eluent | CHCl3 | MetOH
Fraction | 1 | 2
Volume | 30ml | 5ml
Compound detected | Lipids | Remainder of lipids +BIM2b, 7b-acetyl-CH and 7b-OH-CH
Evaporated to dryness and resolubilized with 0.5 mL of 15% Eluent A + 85% Eluent B
SEP PAK Plus C18
Eluent system | 15% Eluent A + 85% Eluent B | 100% Eluent B | 100% MetOH
Fraction | 1 | 2 | 3
Volume | 15ml | 5ml | 5ml
Compound detected | Remainder of lipids | Traces of lipids + BIM2b and its metabolites | Traces of BIM2b and its metabolites
To be combined, evaporated to dryness and resolubilized in acetone for HPTLC analysis

Fig. 2

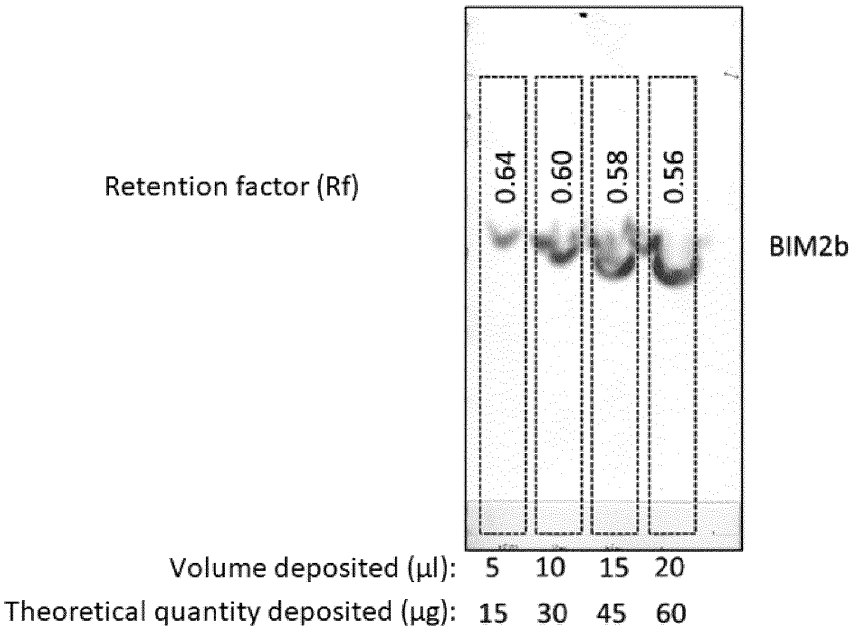

Retention factor (Rf)
0.64
0.60
0.58
0.56
BIM2b
Volume deposited (µl): 5 10 15 20
Theoretical quantity deposited (µg): 15 30 45 60

Fig. 3

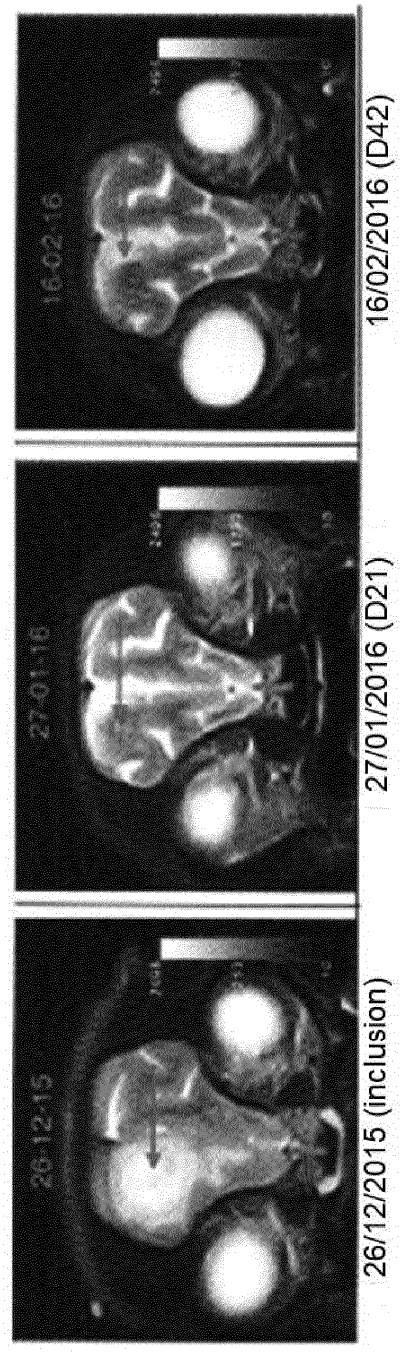


Fig. 4