

Product Name : hmps-PLA Inhibitor

Synonyms : hmps-PLA Inhibitor; MDK-8582; MDK 8582

Cat No. : M17396

CAS Number : 185298-58-2

Molecular Formula : C₂₁H₂₁N₃O₄

Formula Weight : 379.42

Chemical Name : 2-(4-(2-Amino-2-oxoethoxy)-1-benzyl-2-ethyl-1H-indol-3-yl)-2-oxoacetamide

Description : MDK-8582, also known as Hmps-PLA Inhibitor, is an nhibitor of human nonpancreatic secretory Phospholipase A (hmps-PLA). The best one inhibited hmps-PLA(2) and LTA(4)H-h with IC(50) values of 9.2 ± 0.5 µM and 2.4 ± 1.4 µM, respectively.

Pathway : Angiogenesis

Target : FGFR

Receptor : LTA(4)H-h; hnsPLA2

Solubility : —

SMILES : O=C(N)C(=O)c1c(CC)n(Cc2ccccc2)c2c1c(OCC(=O)N)ccc2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Meng H, Liu Y, Zhai Y, Lai L. Optimization of 5-hydroxytryptamines as dual function inhibitors targeting phospholipase A2 and leukotriene A4 hydrolase. Eur J Med Chem. 2013 Jan;59:160-7

