
Product Data Sheet

Product Name: PAF-AN-1

Cat. No.: GC32059

Chemical Properties

Cas. No. 115621-84-6

SMILES COC1=C(OC)C(OC)=CC(CCC2=CC=C(C3=CC4=C(C5=NCCN53)C=CC=C4)C=C2)=C1Formula $C_{28}H_{28}N_2O_3$

M.Wt

440.53

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Background

PAF-AN-1 is a platelet activating factor receptor (PAF) antagonist.

PAF-AN-1 is extracted from patent EP0469477A1, page 2, line 47[1]. PAF-AN-1 is a 5-aryl-2,3-dihydroimidazo[2,1-a]isoquinoline analog. PAF-AN-1 inhibits PAF-induced bronchoconstriction and hemoconcentration when administered po to the guinea pig[2].

[1]. EP0469477A1 [2]. Houlihan WJ, et al. Structural modification of 5-aryl-2,3-dihydroimidazo[2,1-a]isoquinoline platelet activating factor receptor antagonists. J Med Chem. 1993 Oct 15;36(21):3098-102.

Caution: Product has not been fully validated for medical applications. For research use only.

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