

Product Data Sheet

Product Name: HFI-142
Cat. No.: GC34613

Chemical Properties

Cas. No. 332164-34-8

SMILES CCOC(C1=C(N)OC2=CC(O)=CC=C2C1C3=CN=CC=C3)=O

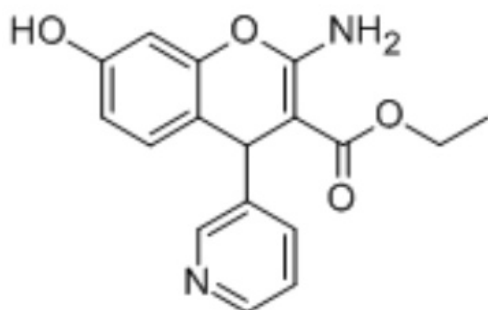
Formula $C_{17}H_{16}N_2O_4$ M.Wt 312.32

Solubility DMSO : 125 mg/mL (400.23 mM; Need ultrasonic) 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

HFI-142 is an insulin-regulated aminopeptidase (IRAP) inhibitor with a k_i of 2.01 μ M[1]. k_i : 2.01 μ M (Insulin-regulated aminopeptidase)[1]

[1]. Albiston AL, et al. Phenylalanine-544 plays a key role in substrate and inhibitor binding by providing a hydrophobic packing point at the active site of insulin-regulated aminopeptidase. Mol Pharmacol. 2010 Oct;78(4):600-7.

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

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