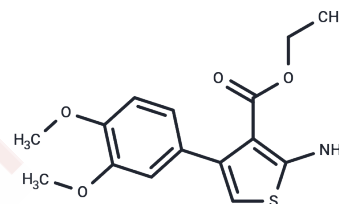


aPKC-I

Chemical Properties

CAS No. : 15854-12-3
 Formula: C₁₅H₁₇NO₄S
 Molecular Weight: 307.36
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	aPKC-I is an inhibitor of atypical protein kinase C (aPKC) which inhibits both PKC ζ and PKC ι with high specificity and prevents VEGF-induced endothelial permeability in cell culture and in vivo, thereby blocking ischemia-reperfusion (IR)-induced permeability.
Targets(IC50)	Others,PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2535 mL	16.2676 mL	32.5351 mL
5 mM	0.6507 mL	3.2535 mL	6.507 mL
10 mM	0.3254 mL	1.6268 mL	3.2535 mL
50 mM	0.0651 mL	0.3254 mL	0.6507 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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