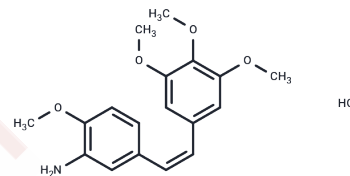


AC 7739

Chemical Properties

CAS No. : 162705-22-8
 Formula: C₁₈H₂₂ClNO₄
 Molecular Weight: 351.83
 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	AC 7739 is a microtubule protein binding agent with anticancer and antitumor activity that inhibits advanced solid tumors and in situ transplanted tumors.
Targets(IC50)	Microtubule Associated, Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8423 mL	14.2114 mL	28.4228 mL
5 mM	0.5685 mL	2.8423 mL	5.6846 mL
10 mM	0.2842 mL	1.4211 mL	2.8423 mL
50 mM	0.0568 mL	0.2842 mL	0.5685 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.

Reference

Gerova M S, Encheva G R, Nikolova R P, et al. Synthesis, Crystal Structure and Cytotoxic Properties of Nitrocombretastatins (E)-and (Z)-5-(4-Methoxy-3-nitrostyryl)-1, 2, 3-trimethoxybenzene[J]. Journal of Chemical Crystallography, 2016, 46: 105-112.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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