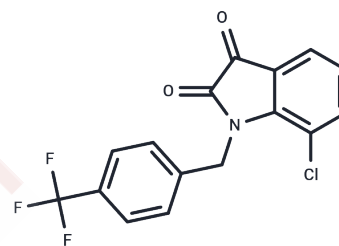


VU0238441

Chemical Properties

CAS No. : 85511-68-8
 Formula: C₁₆H₉ClF₃NO₂
 Molecular Weight: 339.7
 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	VU0238441 is agonist of Muscarinic acetylcholine receptor M5 (human) with EC ₅₀ of 2.1 μM.
Targets(IC ₅₀)	AChR

Solubility Information

Solubility	DMSO: 3.4 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9438 mL	14.7189 mL	29.4377 mL
5 mM	0.5888 mL	2.9438 mL	5.8875 mL
10 mM	0.2944 mL	1.4719 mL	2.9438 mL
50 mM	0.0589 mL	0.2944 mL	0.5888 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

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