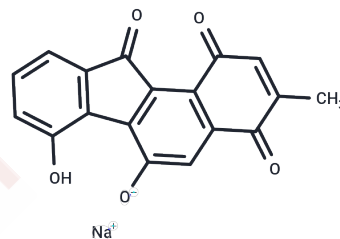


Fluostatin A sodium

Chemical Properties

CAS No. :	209673-93-8
Formula:	C ₁₈ H ₉ O ₅ .Na
Molecular Weight:	328.25
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	Fluostatin A, a fluorenone compound initially isolated from Streptomyces, demonstrates selective inhibition towards dipeptidyl peptidase 3 (DPP-3) compared to DPP-1, DPP-2, and DPP-4 with IC ₅₀ values of 0.44 µg/ml for DPP-3 and over 100 µg/ml for the others, respectively.
Targets(IC ₅₀)	Others,Proteasome

Solubility Information

Solubility	DMSO: Soluble H ₂ O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0465 mL	15.2323 mL	30.4646 mL
5 mM	0.6093 mL	3.0465 mL	6.0929 mL
10 mM	0.3046 mL	1.5232 mL	3.0465 mL
50 mM	0.0609 mL	0.3046 mL	0.6093 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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