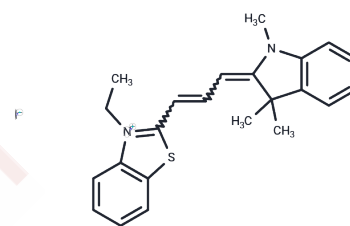


AC-93253 iodide

Chemical Properties

CAS No. :	108527-83-9
Formula:	C ₂₃ H ₂₅ IN ₂ S
Molecular Weight:	488.43
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-93253 iodide is a selective inhibitor of SIRT2. It significantly enhances the acetylation of tubulin p53 and histone H4.
Targets(IC50)	Others,Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0474 mL	10.2369 mL	20.4738 mL
5 mM	0.4095 mL	2.0474 mL	4.0948 mL
10 mM	0.2047 mL	1.0237 mL	2.0474 mL
50 mM	0.0409 mL	0.2047 mL	0.4095 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

Lai YH, Lin SY, Wu YS, Chen HW, Chen JJW. AC-93253 iodide, a novel Src inhibitor, suppresses NSCLC progression by modulating multiple Src-related signaling pathways. J Hematol Oncol. 2017 Nov 13;10(1):172. doi: 10.1186/s13045-017-0539-3. PubMed PMID: 29132432; PubMed Central PMCID: PMC5683468.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481