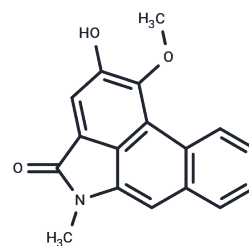


Sauristolactam

Chemical Properties

CAS No. :	128533-02-8
Formula:	C17H13NO3
Molecular Weight:	279.29
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	Sauristolactam inhibits the receptor activator of nuclear factor- κ B ligand (RANKL)-induced osteoclastogenesis and has the potential to inhibit osteoclast differentiation. Sauristolactam, a natural aristolactam isolated from aerial portions of Saururus Chinensis. Sauristolactam has significant neuroprotective activity against glutamate-induced toxicity in primary cultured rat cortical cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5805 mL	17.9025 mL	35.8051 mL
5 mM	0.7161 mL	3.5805 mL	7.161 mL
10 mM	0.3581 mL	1.7903 mL	3.5805 mL
50 mM	0.0716 mL	0.3581 mL	0.7161 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

Kim SR, et al. Aristolactam BII of Saururus chinensis attenuates glutamate-induced neurotoxicity in rat cortical cultures probably by inhibiting nitric oxide production. *Planta Med.* 2004 May;70(5):391-6.

Li Z, et al. Sauro lactam Inhibits Proliferation, Migration, and Invasion of Human Osteosarcoma Cells. *Cell Biochem Biophys.* 2015 Jul;72(3):719-26.

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