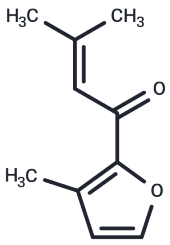
Data Sheet (Cat.No.TN5853)

TargetMol

Naginata ketone

Chemical Properties



CAS No. : 6138-88-1

Formula: C10H12O2

Molecular Weight: 164.2

Storage: Keep away from direct sunlight,Keep away from moisture,Store at low temperature
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	Naginata ketone (Dehydroelsholtzione) is a natural furanone derived from a variety of plants and is used in biochemical experiments and organic synthesis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0901 mL	30.4507 mL	60.9013 mL
5 mM	1.218 mL	6.0901 mL	12.1803 mL
10 mM	0.609 mL	3.0451 mL	6.0901 mL
50 mM	0.1218 mL	0.609 mL	1.218 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

Cahiez, G., Chavant, P.-Y., & Metais, E. (2001). A new simple route to furanic ketones; Preparation of Elsholtzione, naginata ketone and perilla ketone. Tetrahedron Letters, 33(36), 5245-5248.

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