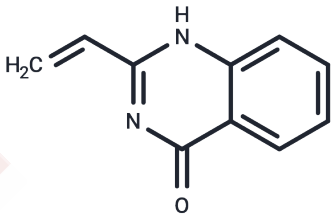
Data Sheet (Cat.No.T67858)

TargetMol

STIMA-1

Chemical Properties



CAS No. : 91634-12-7

Formula: C10H8N2O

Molecular Weight: 172.18

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	STIMA-1 (2-Vinylquinazolin-4-ol), an active compound, can restore the activity of p63. STIMA-1 can stimulate the proliferation and differentiation of keratinocytes.
Targets(IC50)	Apoptosis,Others,MDM-2/p53

Solubility Information

Solubility	DMSO: 50 mg/mL (290.39 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8079 mL	29.0394 mL	58.0788 mL
5 mM	1.1616 mL	5.8079 mL	11.6158 mL
10 mM	0.5808 mL	2.9039 mL	5.8079 mL
50 mM	0.1162 mL	0.5808 mL	1.1616 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

Daniel Aberdam, et al. Methods and compositions for promoting wound healing in a subject suffering from ectodermal dysplasias. Patent. WO2020016155 A1.

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