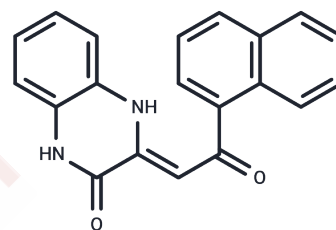


JNK3 inhibitor-2

Chemical Properties

CAS No. :	2366264-18-6
Formula:	C ₂₀ H ₁₄ N ₂ O ₂
Molecular Weight:	314.34
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	JNK3 inhibitor-2 is a potent and selective JNK3 inhibitor with IC ₅₀ values of >100 μM for JNK1, >100 μM for JNK2, and 0.25 μM for JNK3. JNK3 inhibitor-2 also inhibits DDR1 and EGFR (T790M, L858R) [1].
Targets(IC ₅₀)	Discoidin Domain Receptor (DDR),Others,JNK
In vitro	Compound J46, also known as JNK3 inhibitor-2, demonstrates selective inhibition, showing 30% inhibition of JNK2α2 at a concentration of 30 μM and 60% at 100 μM. Additionally, it exhibits potent inhibitory effects on DDR1 and EGFR (T790M, L858R), with IC ₅₀ values of 0.16 μM and 0.37 μM, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1813 mL	15.9063 mL	31.8127 mL
5 mM	0.6363 mL	3.1813 mL	6.3625 mL
10 mM	0.3181 mL	1.5906 mL	3.1813 mL
50 mM	0.0636 mL	0.3181 mL	0.6363 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

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