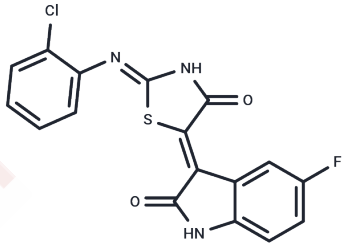
# Data Sheet (Cat.No.T11702)

TargetMol

J30-8

## Chemical Properties




CAS No. : 2366255-71-0

Formula: C17H9ClFN3O2S

Molecular Weight: 373.79

Storage: Store at low temperature,Keep away from direct sunlight
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 | J30-8 is a subtype-selective and potent JNK3 inhibitor (IC50: 40 nM) with neuroprotective activity for the study of neurodegenerative diseases such as Alzheimer's disease. |
| Targets(IC50) | JNK |

## Solubility Information

| | |
|---|---|
| Solubility | DMSO: 5 mg/mL (13.38 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 2.6753 mL | 13.3765 mL | 26.753 mL |
| 5 mM | 0.5351 mL | 2.6753 mL | 5.3506 mL |
| 10 mM | 0.2675 mL | 1.3376 mL | 2.6753 mL |
| 50 mM | 0.0535 mL | 0.2675 mL | 0.5351 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

Dou X,et al. Multistage Screening Reveals 3-Substituted Indolin-2-one Derivatives as Novel and Isoform-Selective c-Jun N-terminal Kinase 3 (JNK3) Inhibitors: Implications to Drug Discovery for Potential Treatment of Neurodegenerative Diseases. J Med Chem. 2019 Jul 25;62(14):6645-6664.

Triaca V, et al. NGF controls APP cleavage by downregulating APP phosphorylation at Thr668: relevance for Alzheimer's disease. Aging Cell. 2016 Aug;15(4):661-72.



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