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**Product Data Sheet**

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Product Name: J30-8  
Cat. No.: GC36359

**Chemical Properties**

Cas. No. 2366255-71-0

SMILES O=C1N/C(S/C1=C2C(NC3=C\2C=C(F)C=C3)=O)=N/C4=CC=CC=C4Cl

Formula  $C_{17}H_9ClFN_3O_2S$  M.Wt 373.79

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

**Background**

J30-8 is a potent and isoform-selective inhibitor of c-Jun N-terminal kinase 3 (JNK3) with an IC<sub>50</sub> of 40 nM, which 2500-fold isoform selectivity against JNK1 $\alpha$ 1 and JNK2 $\alpha$ 2. J30-8 exhibits neuroprotective activity in vitro and potential for the treatment of neurodegenerative diseases[1]. JNK3|40 nM (IC<sub>50</sub>)

[1]. 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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