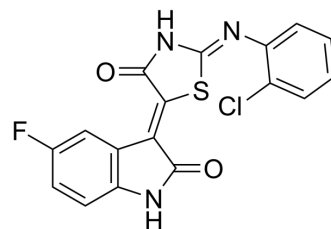


J30-8

| | |
|--------------------|---|
| Cat. No.: | HY-125838 |
| CAS No.: | 2366255-71-0 |
| Molecular Formula: | C ₁₇ H ₉ ClFN ₃ O ₂ S |
| Molecular Weight: | 373.79 |
| Target: | JNK |
| Pathway: | MAPK/ERK Pathway |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | J30-8 is a potent and isoform-selective inhibitor of c-Jun N-terminal kinase 3 (JNK3) with an IC ₅₀ of 40 nM, which 2500-fold isoform selectivity against JNK1α1 and JNK2α2. J30-8 exhibits neuroprotective activity in vitro and potential for the treatment of neurodegenerative diseases ^[1] . |
| IC ₅₀ & Target | JNK3 40 nM (IC ₅₀) |

REFERENCES

[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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA