

TrkC-IN-1

Chemical Properties

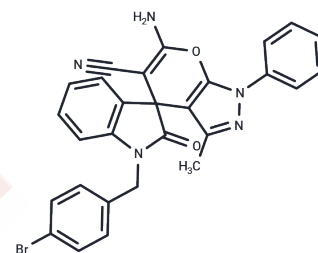
CAS No. : 1877313-32-0

Formula: C₂₈H₂₀BrN₅O₂

Molecular Weight: 538.395

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 | TrkC-IN-1 (Compound 6c) is an inhibitor of TrkC, with IC ₅₀ values of 3.3-7.1 and 7.3-10.2 μM for EBC-1 and HT-29 cells, respectively. This compound shows potential for research in the field of cancer therapeutics. |
| Targets(IC ₅₀) | Trk receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8574 mL | 9.2868 mL | 18.5736 mL |
| 5 mM | 0.3715 mL | 1.8574 mL | 3.7147 mL |
| 10 mM | 0.1857 mL | 0.9287 mL | 1.8574 mL |
| 50 mM | 0.0371 mL | 0.1857 mL | 0.3715 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