

CD3254

Chemical Properties

CAS No. : 196961-43-0

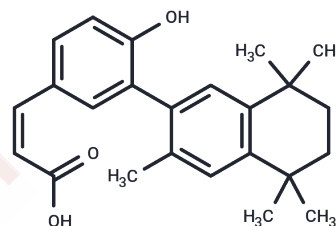
Formula: C₂₄H₂₈O₃

Molecular Weight: 364.48

Store at low temperature

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 | CD3254 is a selective and potent retinoid X receptor-like (RXR) agonist that inhibits neuronal cell death with OGD/reoxygenation. |
| Targets(IC50) | Retinoid Receptor |
| In vitro | After exposure to low concentrations (20 µg/L) for 5 days and high concentrations (50 and 100 µg/L) for the first day, CD3254 induced similar abnormal phenotypes[1]. |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 100 mg/mL (274.36 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.7436 mL | 13.7182 mL | 27.4363 mL |
| 5 mM | 0.5487 mL | 2.7436 mL | 5.4873 mL |
| 10 mM | 0.2744 mL | 1.3718 mL | 2.7436 mL |
| 50 mM | 0.0549 mL | 0.2744 mL | 0.5487 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

Nahoum V, et al. Modulators of the structural dynamics of the retinoid X receptor to reveal receptor function. Proc Natl Acad Sci U S A. 2007 Oct 30;104(44):17323-8.

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