

(rac)-NDT-19795

Chemical Properties

CAS No. : 2272918-42-8
Formula: C₂₀H₂₁N₃O₄
Molecular Weight: 367.41
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

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|---------------|--|
| Description | (rac)-NDT-19795 is the racemate of NDT-19795. NDT-19795 is a potent inhibitor of the NLRP3 inflammasome, demonstrating an IC ₅₀ of 66 nM in the PBMC assay and 4.7 μM in the WB assay. This compound is a carboxylic acid active substance, which can be intracellularly converted from NT-0796. NDT-19795 is applicable in studies related to inflammatory and neurological disorders. |
| Targets(IC50) | NOD-like Receptor (NLR) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.7218 mL | 13.6088 mL | 27.2175 mL |
| 5 mM | 0.5444 mL | 2.7218 mL | 5.4435 mL |
| 10 mM | 0.2722 mL | 1.3609 mL | 2.7218 mL |
| 50 mM | 0.0544 mL | 0.2722 mL | 0.5444 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

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