

Product Data Sheet

Product Name: (rac)-NDT-19795

Cat. No.: GC79410

Chemical Properties

Cas. No. 2272918-42-8

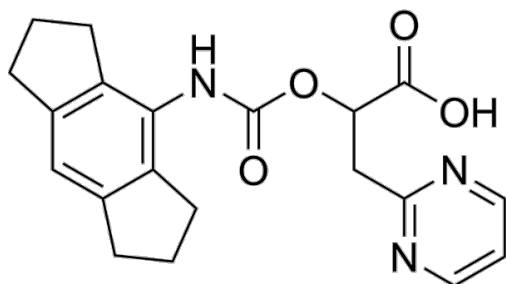
Formula $C_{20}H_{21}N_3O_4$ M.Wt 367.4

Solubility DMSO: 100 mg/mL (272.18 mM; Need ultrasonic) 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

(rac)-NDT-19795 is the racemate of NDT-19795. NDT-19795 is an effective inhibitor of the NLRP3

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

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inflammasome with an IC₅₀ value of 66 nM in the PBMC method and 4.7 μM in the WB method. NDT-19795 is a carboxylic acid-active substance that can be converted from NT-0796 within cells. NDT-19795 can be used for the studies of inflammation and neurological diseases [1].

References:

[1]. Harrison D, et al. Discovery of Clinical Candidate NT-0796, a Brain-Penetrant and Highly Potent NLRP3 Inflammasome Inhibitor for Neuroinflammatory Disorders. J Med Chem. 2023;66(21):14897-14911.

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