

Product Data Sheet

Product Name: NT-0249 free base

Cat. No.: GC73942

Chemical Properties

Cas. No.

Formula $C_{22}H_{29}N_5O_4S$ M.Wt 459.56

Solubility DMSO : 100 mg/mL (217.60 mM; Storage -20°C
Need ultrasonic)

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.

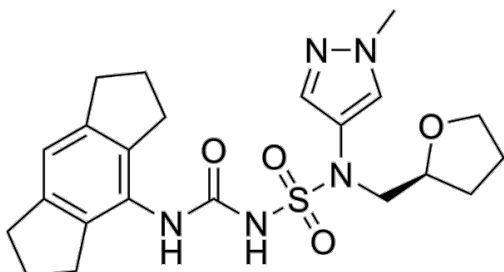
Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Structure



Background

NT-0249 free base is an orally active NLRP3 inhibitor. NT-0249 has anti-inflammatory activity.

NT-0249 (100 mg/kg, orally, 3 times a day for 28 days) reduces systemic inflammation and astrocyte formation in mice in a pre-established obesity state[1].

References:

[1]. Thornton P, et al. Reversal of High Fat Diet-Induced Obesity, Systemic Inflammation, and Astroglia by the NLRP3 Inflammasome Inhibitors NT-0249 and NT-0796. J Pharmacol Exp Ther. 2024;388(3):813-826. Published 2024 Feb 15.

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