

Product Data Sheet

Product Name: h-NTPDase-IN-4

Cat. No.: GC73593

Chemical Properties

Cas. No. 2939933-09-0

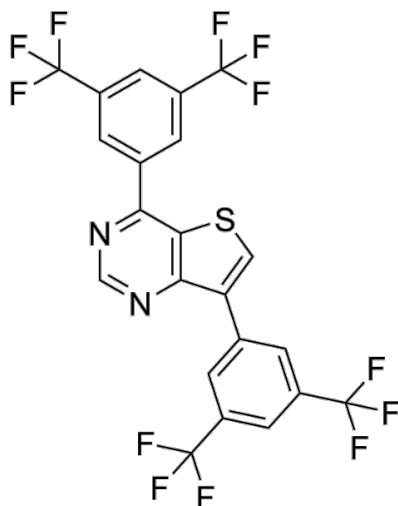
Formula $C_{22}H_8F_{12}N_2S$ M.Wt 560.36

Solubility DMF : 100 mg/mL (178.46 mM; Need Storage -20°C 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.

Structure



Background

h-NTPDase-IN-4 (compound 4c) is a pan-inhibitor of NTPDase with IC₅₀s of 3.58 μM (h-NTPDase1),

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

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10.21 μ M (h-NTPDase2), 0.13 μ M (h-NTPDase3), 13.57 μ M (h-NTPDase8).

References:

[1]. Zaman G, Ullah S, Uzair M, et al. Synthesis of Thieno [3, 2-d] pyrimidine Derivatives through Sequential SNAr and Suzuki Reactions as Selective h-NTPDases Inhibitors[J]. ChemMedChem, 2023: e202300165.

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