

Product Name	: h-NTPDase-IN-4
Synonyms	: —
Cat No.	: M37029
CAS Number	: 2939933-09-0
Molecular Formula	: C ₂₂ H ₈ F ₁₂ N ₂ S
Formula Weight	: 560.36
Chemical Name	: —
Description	: h-NTPDase-IN-4 (compound 4c) is a pan-inhibitor of NTPDase with IC ₅₀ s of 3.58 μM (h-NTPDase1), 10.21 μM (h-NTPDase2), 0.13 μM (h-NTPDase3), 13.57 μM (h-NTPDase8).
Pathway	: Metabolic Enzyme/Protease
Target	: Phosphatase
Receptor	: Phosphatase
Solubility	: In Vitro: ?DMF : 100 mg/mL (178.46 mM; Ultrasonic)
SMILES	: <chem>C(F)(F)(F)C=1C=C(C2=C3C(C(=CS3)C4=CC(C(F)(F)F)=CC(C(F)(F)F)=C4)=NC=N2)C=C(C(F)(F)F)C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

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