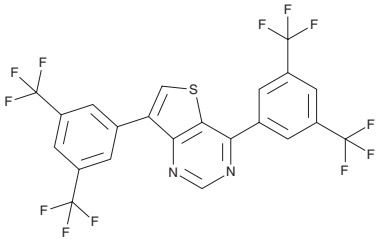
PRODUCT INFORMATION

h-NTPDase-IN-4

Item No. 46477

CAS Registry No.: 2939933-09-0
Formal Name: 4,7-*bis*[3,5-*bis*(trifluoromethyl)phenyl]-thieno[3,2-d] pyrimidine
Synonyms: Human Nucleoside Triphosphate Diphosphorylase 3-IN-4, Human Nucleoside Triphosphate Diphosphorylase 3 Inhibitor 4, h-NTPDase Inhibitor 4
MF: $C_{22}H_8F_{12}N_2S$
FW: 560.4
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

h-NTPDase-IN-4 is supplied as a solid. A stock solution may be made by dissolving the h-NTPDase-IN-4 in the solvent of choice, which should be purged with an inert gas. h-NTPDase-IN-4 is sparingly soluble (1-10 mg/ml) in acetonitrile and chloroform.

Description

h-NTPDase-IN-4 is an inhibitor of nucleoside triphosphate diphosphorylase 3 (NTPDase 3; IC_{50} = 0.13 µM).[1] It selectively inhibits NTPDase 3 over NTPDase 1 (IC_{50} = 3.58 µM).

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-NTPDase inhibitors. *ChemMedChem* **18(14)**, e202300165 (2023).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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