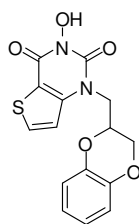




Certificate of Analysis

Axon Catalogue ID: 3027 **Batch Number:** 1
Product Name: FEN1 inhibitor 1
Alternative Name(s): LNT1
IUPAC Name: 1-((2,3-Dihydrobenzo[b][1,4]dioxin-2-yl)methyl)-3-hydroxythieno[3,2-d]pyrimidine-2,4(1H,3H)-dione

Structure:



Amount:

CAS number(s): 824983-91-7
Molecular Formula: C₁₅H₁₂N₂O₅S **Molecular Weight:** 332.33
Batch Molecular Formula: C₁₅H₁₂N₂O₅S.0.25H₂O **Batch Molecular Weight:** 336.84
Appearance: Light-orange solid **Observed mp:** 192 °C
TLC (R_f): 0.35 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.49, H 3.74, N 8.32; Found: C 53.71, H 3.56, N 8.35
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	2.1	6.2	
	0.1N HCl (aq)			Not Tested
	DMSO	33.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 08-05-2020

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only