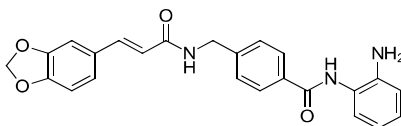




Certificate of Analysis

Axon Catalogue ID: 4468 **Batch Number:** 1
Product Name: Colrestat
Alternative Name(s): N.A.
IUPAC Name: N-((4-(N-2-Aminophenylcarbamoyl)phenyl)methyl)-(E)-3-(2H-1,3-benzodioxol-5-yl)acrylamide

Structure:



Amount:

CAS number(s): 3124773-51-6
Molecular Formula: C₂₄H₂₁N₃O₄ **Molecular Weight:** 415.44
Batch Molecular Formula: C₂₄H₂₁N₃O₄.0.25H₂O **Batch Molecular Weight:** 419.95
Appearance: Off-white solid **Observed mp:** 220 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.64, H 5.16, N 10.01; Found: C 68.92, H 5.08, N 10.19
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	42.0	>100 mM	
	EtOH	0.0	0.0	Insoluble

Remarks:

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