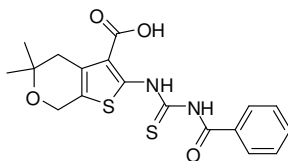




Certificate of Analysis

Axon Catalogue ID: 2184 **Batch Number:** 1
Product Name: CID 1067700
Alternative Name(s): N.A.
IUPAC Name: 2-(3-Benzoylthioureido)-5,5-dimethyl-5,7-dihydro-4H-thieno[2,3-c]pyran-3-carboxylic acid

Structure:



Amount:

CAS number(s): 314042-01-8
Molecular Formula: C₁₈H₁₈N₂O₄S₂ **Molecular Weight:** 390.48
Batch Molecular Formula: C₁₈H₁₈N₂O₄S₂ **Batch Molecular Weight:** 390.48
Appearance: Yellow solid **Observed mp:** >225 °C (decomp)
TLC (R_f): 0.3 Hexane/EtOAc (1:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.37, H 4.65, N 7.17; Found: C 55.21, H 4.52, N 7.17
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	33.0	84.5	
	EtOH			Not Tested

Remarks:

QC Date: 13-06-2019

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