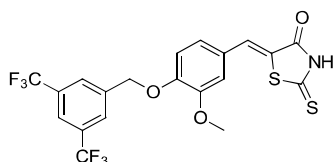




Certificate of Analysis

Axon Catalogue ID: 4499 **Batch Number:** 1
Product Name: ZIM
Alternative Name(s): N.A.
IUPAC Name: (Z)-5-((4-((3,5-Bis(trifluoromethyl)phenyl)methoxy)-3-methoxyphenyl)methylene)-2-thioxo-1,3-thiazolidin-4-one

Structure:



Amount:

CAS number(s): N.A.
Molecular Formula: C₂₀H₁₃F₆NO₃S₂ **Molecular Weight:** 493.45
Batch Molecular Formula: C₂₀H₁₃F₆NO₃S₂·0.25H₂O **Batch Molecular Weight:** 497.95
Appearance: Yellow solid **Observed mp:** 240 °C
TLC (R_f): 0.46 Hex/EtOAc (4:1)
Chemical Purity: 99.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 48.24, H 2.73, N 2.81; Found: C 48.16, H 2.79, N 2.85
Storage Conditions: Store at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)	0.0	0.0	Insoluble
0.1N HCl (aq)			Not Tested
DMSO	2.9	5.7	* Warming (40°C) and sonication.
EtOH	0.0	0.0	Insoluble

Remarks: Suspected to be unstable in solution. It is recommended to prepare fresh solutions for your experiments.

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