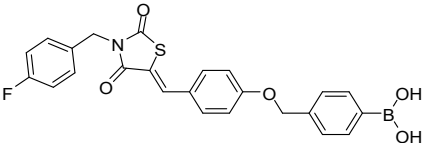




Certificate of Analysis

Axon Catalogue ID:	4234	Batch Number:	1																								
Product Name:	HA-155																										
Alternative Name(s):	N.A.																										
IUPAC Name:	(Z)-4-((4-((3-(4-Fluorobenzyl)-2,4-dioxothiazolidin-5-ylidene)methyl)phenoxy)methyl)phenyl)boronic acid																										
Structure:			Amount:																								
CAS number(s):	1312201-00-5																										
Molecular Formula:	C ₂₄ H ₁₉ BFNO ₅ S	Molecular Weight:	463.29																								
Batch Molecular Formula:	C ₂₄ H ₁₉ BFNO ₅ S.0.25H ₂ O	Batch Molecular Weight:	467.79																								
Appearance:	Off-white solid	Observed mp:	251 - 253 °C																								
TLC (R_f):	0.7	Hex/EtOAc (1:1)																									
Chemical Purity:	99.9%																										
¹H-NMR:	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 61.62, H 4.20, N 2.99; Found: C 61.67, H 4.10, N 2.94																										
Storage Conditions:	Desiccate at -20 °C																										
Solubility Data:	<table border="0"> <thead> <tr> <th>Solvent</th> <th>Solubility (mg/ml)</th> <th>Solubility (mM)</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>Water</td> <td>0.0</td> <td>0.0</td> <td>Insoluble</td> </tr> <tr> <td>0.1N NaOH (aq)</td> <td></td> <td></td> <td>Not Tested</td> </tr> <tr> <td>0.1N HCl (aq)</td> <td></td> <td></td> <td>Not Tested</td> </tr> <tr> <td>DMSO</td> <td>46.8</td> <td>>100 mM</td> <td></td> </tr> <tr> <td>EtOH</td> <td>0.0</td> <td>0.0</td> <td>Insoluble</td> </tr> </tbody> </table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water	0.0	0.0	Insoluble	0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)			Not Tested	DMSO	46.8	>100 mM		EtOH	0.0	0.0	Insoluble		
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EtOH	0.0	0.0	Insoluble																								
Remarks:	Contains 0.54 wt% of dioxane, determined by NMR. Suspected to be unstable in solution. It is recommended to prepare fresh solutions for your experiments.																										
QC Date:	03/09/2024																										

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