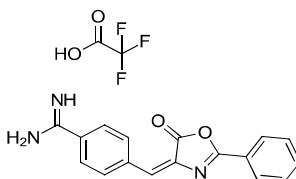




Certificate of Analysis

Axon Catalogue ID: 4280 **Batch Number:** 2
Product Name: UK122
Alternative Name(s): N.A.
IUPAC Name: 4-((5-Oxo-2-phenyloxazol-4(5H)-ylidene)methyl)benzimidamide trifluoroacetate

Structure:



Amount:

CAS number(s): 940290-58-4 (parent), 1186653-73-5 (TFA (1:1))
Molecular Formula: C₁₇H₁₃N₃O₂.C₂H₃F₃O₂ **Molecular Weight:** 405.33
Batch Molecular Formula: C₁₇H₁₃N₃O₂.C₂H₃F₃O₂ **Batch Molecular Weight:** 405.33
Appearance: Yellow solid **Observed mp:** >280 °C
TLC (R_f): 0.5 BuOH/H₂O/AcOH (8:1:1)
Chemical Purity: 98.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.30, H 3.48, N 10.37; Found: C 56.06, H 3.55, N 10.26
Storage Conditions: Desiccate 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)			Not Tested
	DMSO	25.0	61.7	
	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