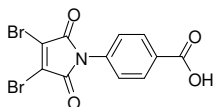




Certificate of Analysis

Axon Catalogue ID: 3582 **Batch Number:** 1
Product Name: PBENZ-DBRMD
Alternative Name(s): N.A.
IUPAC Name: 4-(3,4-Dibromo-2,5-dioxo-2,5-dihydro-1H-pyrrol-1-yl)benzoic acid

Structure:



Amount:

CAS number(s): 1454662-41-9
Molecular Formula: C₁₁H₅Br₂NO₄ **Molecular Weight:** 374.97
Batch Molecular Formula: C₁₁H₅Br₂NO₄ **Batch Molecular Weight:** 374.97
Appearance: Yellow solid **Observed mp:** >275 °C
TLC (R_f): 0.5 DCM/MeOH (20:1)
Chemical Purity: 98.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 35.23, H 1.34, N 3.74; Found: C 35.29, H 1.57, N 3.51
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	8.0	21.3	
	0.1N HCl (aq)			Not Tested
	DMSO	36.0	96.0	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 8-3-2022

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