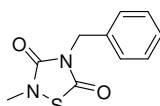




Certificate of Analysis

Axon Catalogue ID: 2010 **Batch Number:** 1
Product Name: TDZD 8
Alternative Name(s): N.A.
IUPAC Name: 4-Benzyl-2-methyl-1,2,4-thiadiazolidine-3,5-dione

Structure:



Amount:

CAS number(s): 327036-89-5
Molecular Formula: C₁₀H₁₀N₂O₂S **Molecular Weight:** 222.26
Batch Molecular Formula: C₁₀H₁₀N₂O₂S **Batch Molecular Weight:** 222.26
Appearance: White solid **Observed mp:** 62.6 - 63.5 °C
TLC (R_f): 0.66 Hex/EtOAc (2:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 54.04, H 4.53, N 12.60; Found: C 54.15, H 4.46, N 12.64
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	22.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 25-07-2019

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