

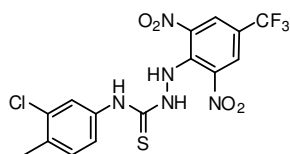


Certificate of Analysis

Axon Catalogue ID: 2302 **Batch Number:** 1
Product Name: Kobe 0065
Alternative Name(s): N.A.

IUPAC Name: N-(3-Chloro-4-methylphenyl)-2-(2,6-dinitro-4-(trifluoromethyl)phenyl)hydrazinecarbothioamide

Structure:



Amount:

CAS number(s): 436133-68-5
Molecular Formula: C₁₅H₁₁ClF₃N₅O₄S **Molecular Weight:** 449.79
Batch Molecular Formula: C₁₅H₁₁ClF₃N₅O₄S **Batch Molecular Weight:** 449.79
Appearance: Off-white solid **Observed mp:** 175 °C
TLC (R_f): 0.45 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 40.05, H 2.46, N 15.57; Found: C 40.19, H 2.08, N 15.98
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)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	45.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 29-10-2020

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