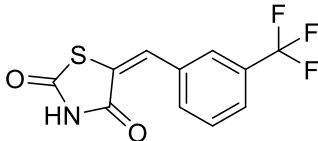




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407121	SMI-4a	SSC60817

Chemical name	
5-(3-(trifluoromethyl)benzylidene)thiazolidine-2,4-dione	
Synonyms	
SMI-4a; SMI4a; SMI 4a.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407121 Name: SMI-4a CAS#: 438190-29-5 Lot#: SSC60817 Chemical Formula: C ₁₁ H ₆ F ₃ NO ₂ S Exact Mass: 273.00713 Molecular Weight: 273.23

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE