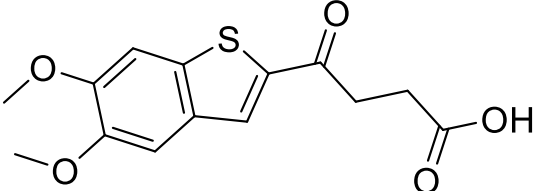




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
463682	MSA-2	C21R04B19

Chemical name	
4-(5,6-dimethoxybenzo[b]thiophen-2-yl)-4-oxobutanoic acid	
Synonyms	
MSA 2; MSA2; MSA-2;	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 463682 Name: MSA-2 CAS#: 129425-81-6 Lot#: C21R04B19 Chemical Formula: C ₁₄ H ₁₄ O ₅ S Exact Mass: 294.0562 Molecular Weight: 294.32

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 3 years if properly stored.

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