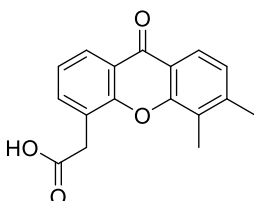


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201050	Vadimezan	CRB60509

Chemical name	
(5,6-Dimethyl-9-oxo-9H-xanthen-4-yl)-acetic acid	
Synonyms	
ASA404; ASA 404; ASA-404; AS1404; AS 1404; AS-1404; DMXAA.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 201050 Name: Vadimezan CAS#: 117570-53-3 Lot#: CRB60509 Chemical Formula: C ₁₇ H ₁₄ O ₄ Exact Mass: 282.08921 Molecular Weight: 282.29

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)	>98.0%
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
Self life	At least 5 years if properly stored.

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