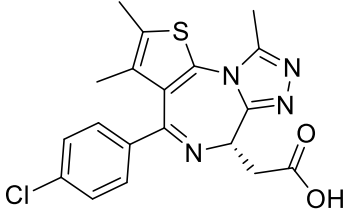




## Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
562151	JQ1 Carboxylic Acid	C9R08B20

Chemical name	
6(S)-4-(4-chlorophenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepine-6-acetic acid	
Synonyms	
JQ1 Carboxylic Acid; JQ1 Acid; JQ-1 Acid; JQ-1 Acid	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 562151 Name: JQ1 Carboxylic Acid CAS#: 202592-23-2 Lot#: C9R08B20 Chemical Formula: C <sub>19</sub> H <sub>17</sub> ClN <sub>4</sub> O <sub>2</sub> S Exact Mass: 400.0761 Molecular Weight: 400.88

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	<sup>1</sup> 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**