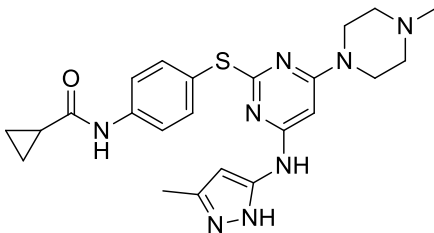




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201900	Tozasertib	SSC31108

Chemical name	
(N-[4({4-(4-methylpiperazin-1-yl)-6-[(3-methyl-1H-pyrazol-5-yl)amino]pyrimidin-2-yl)thio)phenyl]cyclopropanecarboxamide)	
Synonyms	
VX-680; VX 680; VX680; MK-0457; MK0457; MK 0457	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 201900 Name: Tozasertib (VX-680) CAS#: 639089-54-6 Lot#: SSC31108 Chemical Formula: C ₂₃ H ₂₈ N ₈ OS Exact Mass: 464.2107 Molecular Weight: 464.59

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