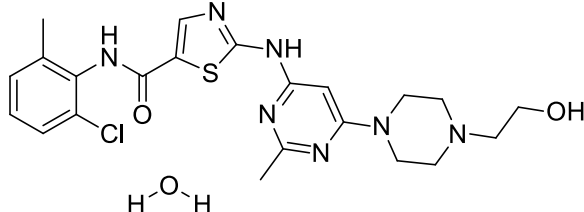




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100230	Dasatinib hydrate	EOS41226

Chemical name	
N-(2-chloro-6-methylphenyl)-2-((6-(4-(2-hydroxyethyl)piperazin-1-yl)-2-methylpyrimidin-4-yl)amino)thiazole-5-carboxamide monohydrate	
Synonyms	
US brand name: Sprycel. Code name: BMS-354825	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#100230 Name: Dasatinib hydrate CAS#: 863127-77-9 Lot#EOS41226 Molecular formula: C ₂₂ H ₂₆ ClN ₇ O ₂ S·H ₂ O Molecular Weight: 506.02

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 DMF and 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