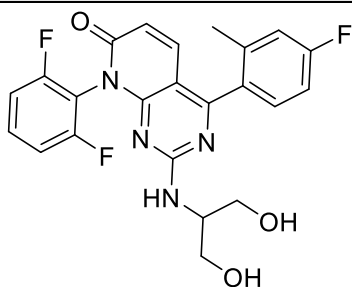




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205999	Dilmapimod	T20D03P06

Chemical name	
8-(2,6-difluorophenyl)-2-((1,3-dihydroxypropan-2-yl)amino)-4-(4-fluoro-2-methylphenyl)pyrido[2,3-d]pyrimidin-7(8H)-one	
Synonyms	
SB681323; SB 681323; SB-681323; GW 681323; GW-681323; GW681323; Dilmapimod	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205999 Name: Dilmapimod CAS#: 444606-18-2 (free base) Lot#: T20D03P06 Chemical Formula: C ₂₃ H ₁₉ F ₃ N ₄ O ₃ Exact Mass: 456.14093 Molecular Weight: 456.42

Analysis item	Specifications / Results
Appearance	Off-white to light yellow 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