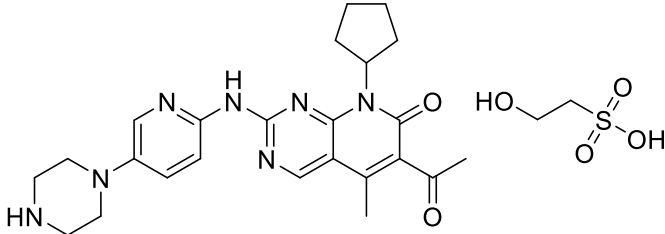




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
106610	Palbociclib Isethionate	A8T04K10

Chemical name	
6-acetyl-8-cyclopentyl-5-methyl-2-((5-(piperazin-1-yl)pyridin-2-yl)amino)pyrido[2,3-d]pyrimidin-7(8H)-one 2-hydroxyethane-1-sulfonate	
Synonyms	
PD 0332991; PD-0332991; PD0332991; PD0332991; PD332991; PD-332991; PD 332991; Palbociclib Isethionate, brand name: Ibrance	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 106610 Name: Palbociclib Isethionate CAS#: 827022-33-3 (isethionate) Lot# A8T04K10 Chemical Formula: C ₂₆ H ₃₅ N ₇ O ₆ S Molecular Weight: 573.67

Analysis item	Specifications / Results
Appearance	Yellow 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