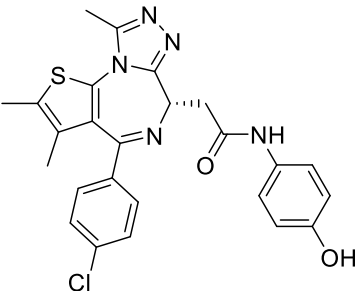




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
206116	Birabresib (OTX015)	XPR70221

Chemical name	
(S)-2-(4-(4-chlorophenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepin-6-yl)-N-(4-hydroxyphenyl)acetamide.	
Synonyms	
Birabresib; OTX015; OTX-015; OTX 015	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206116 Name: Birabresib CAS#: 202590-98-5 Lot#XPR70221 Chemical Formula: C ₂₅ H ₂₂ ClN ₅ O ₂ S Exact Mass: 491.11827 Molecular Weight: 491.99

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, not soluble in water.
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
Self life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE