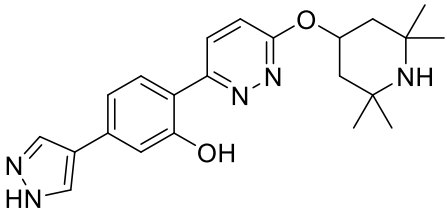




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
526827	Branaplam free base	A9T02K14

Chemical name	
5-(1H-pyrazol-4-yl)-2-[6-[(2,2,6,6-tetramethyl-4-piperidinyl)oxy]-3-pyridazinyl]-phenol	
Synonyms	
NVS-SM1; LMI-070; NVSSM1; LMI070; NVS SM1; LMI 070; Branaplam	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 526827 Name: Branaplam free base CAS#: 1562338-42-4 (free base) Lot#: A9T02K14 Chemical Formula: C ₂₂ H ₂₇ N ₅ O ₂ Exact Mass: 393.2165 Molecular Weight: 393.491

Analysis item	Specifications / Results
Appearance	Off-white to beige 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)	>98.0%
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