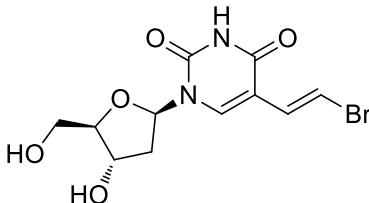




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100103	Brivudine	TZC50309

Chemical name	
5-[(E)-2-bromoethenyl]-1-[(2R,4S,5R)-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]-1,2,3,4-tetrahydropyrimidine-2,4-dione	
Synonyms	
Bridic Brivox Brivudin Helpin Zerpex Zonavir and Zostex. Abbreviation: BVDU; Code name: RP101.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100103 Name: Brivudine CAS#: 69304-47-8 Lot#: TZC50309 Chemical Formula: C ₁₁ H ₁₃ BrN ₂ O ₅ Exact Mass: 332.00078 Molecular Weight: 333.13

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 and ethanol, slightly 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
Shelf life	At least 5 years if properly stored.

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