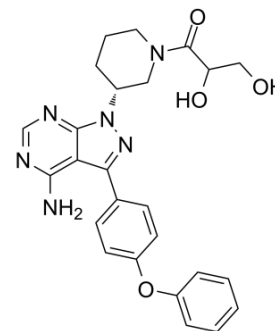


Dihydrodiol-Ibrutinib

Cat. No.:	HY-100659		
CAS No.:	1654820-87-7		
Molecular Formula:	C ₂₅ H ₂₆ N ₆ O ₄		
Molecular Weight:	474.51		
Target:	Btk		
Pathway:	Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Dihydrodiol-Ibrutinib (PCI-45227) is a dihydrodiol active metabolite of Ibrutinib (HY-10997), has inhibitory activity towards BTK approximately 15 times lower than that of ibrutinib ^[1] .
IC₅₀ & Target	IC50: BTK ^[1]

REFERENCES

[1]. Sridhar Veeraghavan, et al. Simultaneous quantification of lenalidomide, ibrutinib and its active metabolite PCI-45227 in rat plasma by LC-MS/MS: application to a pharmacokinetic study. J Pharm Biomed Anal

Caution: Product has not been fully validated for medical applications. For research use only.