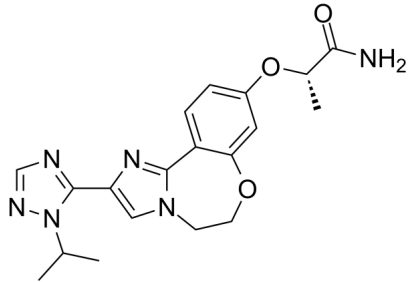


Data Sheet

Product Information

Catalog Number	BP22297
Product Name	GDC-0326
Description	GDC-0326 is a potent and selective inhibitor of α -Isoform of Phosphoinositide 3-Kinase (PI3K α inhibitor).
Targets&IC50	PI3K γ :10.2 nM(Ki), PI3K α :0.2 nM(Ki), PI3K β :26.6 nM(Ki), PI3K δ :4 nM(Ki)
Synonyms	GDC 0326, GDC0326
CAS No.	1282514-88-8
Chemical Formula	C ₁₉ H ₂₂ N ₆ O ₃
Molecular Weight	382.424
Solubility	H ₂ O: Insoluble DMSO: 69 mg/mL(180.5 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 The chemical structure of GDC-0326 is shown. It features a central benzimidazole core. One imidazole ring is substituted with an isopropyl group at the 2-position and a 4-(2-((S)-1-aminopropan-2-yloxy)phenyl) group at the 5-position. The other imidazole ring is substituted with a 4-(2-((S)-1-aminopropan-2-yloxy)phenyl) group at the 2-position. The (S)-1-aminopropan-2-yl group is shown with a wedge bond to the chiral center.

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