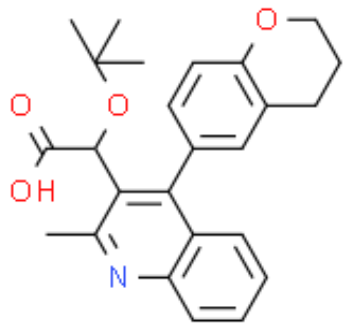
Product Data Sheet

Cas No.:	1416258-16-6	Cat. No:	PL04811
Product Name:	(±)-BI-D		
Product synonym:	(±)-BI-D		
Chemical name:	(±)-BI-D		
MF:	C25H27NO4	FW:	405.4862
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax：	-	Formulation：	-
Solubility :			
SMILES :	O(C(C([H])([H])[H])(C([H])([H])[H])C([H])([H])[H])C([H])(C(=O)O[H])C1C(C([H])([H])[H])=NC2=C([H])C([H])=C([H])C([H])=C2C=1C1C([H])=C([H])C2=C(C=1[H])C([H])([H])C([H])([H])C([H])([H])O2		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

(±)-BI-D 是HIV整合酶（integrase）变构抑制剂，作用于整合酶与LEDGF/p75结合部位。

生物活性	(±)-BI-D is a potent ALLINI(An allosteric IN inhibitor) that binds integrase at the LEDGF/p75 binding site. IC50 value: 2.4–2.9 μM(HIV-Luc infection of WT and Hdgfrp2 KO cells) [1] Target: integrase inhibitor in vitro: Approximately 2.4–2.9 μM of BI-D was required to inhibit 50% of HIV-Luc infection of WT and Hdgfrp2 KO cells, while the IC50 decreased dramatically, to 160–200 nM, in Psip1 and double-KO cells [1].
包装储存	Powder -20°C 3 years； 4°C 2 years
溶解度数据	In Vitro: DMSO : ≥ 100 mg/mL (246.62 mM)配制储备液