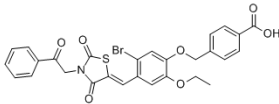


Product Name	: D77	
Synonyms	: D-77	
Cat No.	: M14665	
CAS Number	: 497836-10-9	
Molecular Formula	: C ₂₈ H ₂₂ BrNO ₇ S	
Formula Weight	: 596.45	
Chemical Name	Benzoic acid, 4-[[[5-bromo-4-[[[2,4-dioxo-3-(2-oxo-2-phenylethyl)-5-thiazolidinylidene]methyl]-2-ethoxyphenoxy]methyl]-	
Description	A potent inhibitor of HIV-1 integrase-LEDGF/p75 interaction; binds to IN and IN(T125A) with K _d of 5.81 and 15.2 uM; affects the HIV-1 IN nuclear distribution thus exhibiting antiretroviral activity.HIV Infection Preclinical	
Pathway	Microbiology/Virology	
Target	HIV	
Receptor	HIV	
Solubility	10 mM in DMSO	
SMILES	<chem>O=C(O)C1=CC=C(COC2=CC(Br)=C(/C=C(SC(N3CC(C4=CC=CC=C4)=O)=O)/C3=O)C=C2OCC)C=C1</chem>	
Storage	(-20°C)	
Stability	≥ 2 years	
Reference	:	

1. Du L, et al. Biochem Biophys Res Commun. 2008 Oct 10;375(1):139-44. | 2. Li P, et al. J Biomol Struct Dyn. 2011 Oct;29(2):311-23.