



Product Information

HIV integrase inhibitor GSK1265744, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ988

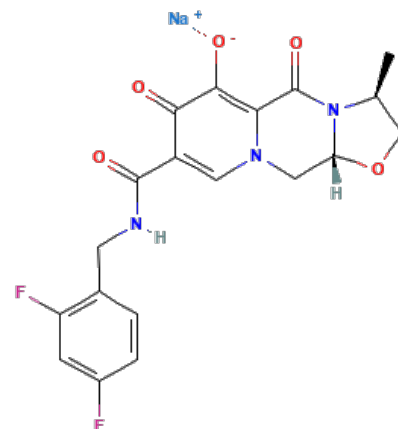
Size: 5 mg; 10 mg

CAS Number: 1051375-13-3

Compound CID: 46215800

Synonym: 1051375-13-3; HIV integrase inhibitor; GSK 1265744

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	GSK1265744 blocks the action of the integrase enzyme, which is crucial for the HIV virus to integrate its genetic material into the host cell's DNA, thereby impeding the virus's ability to replicate and spread.
Molecular Weight	427.34
Molecular Formula	C ₁₉ H ₁₆ F ₂ N ₃ O ₅ .Na
IUPAC Name	Sodium;(3 <i>R</i> ,6 <i>S</i>)-12-[(2,4-difluorophenyl)methylcarbamoyl]-6-methyl-8,11-dioxo-4-oxa-1,7-diazatricyclo[7.4.0.0.3,7]trideca-9,12-dien-10-olate
InChI	InChI=1S/C19H17F2N3O5.Na/c1-9-8-29-14-7-23-6-12(16(25)17(26)15(23)19(28)24(9)14)18(27)22-5-10-2-3-11(20)4-13(10)21;/h2-4,6,9,14,26H,5,7-8H2,1H3,(H,22,27);/q;+1/p-1/t9-,14+;/m0./s1
InChI Key	AEZBWGMXKBKPGFP-KIUAEZISZA-M
Canonical SMILES	CC1COC2N1C(=O)C3=C(C(=O)C(=CN3C2)C(=O)NCC4=C(C=C(C=C4)F)F)[O-].[Na+]
Isomeric SMILES	C[C@H]1CO[C@H]2N1C(=O)C3=C(C(=O)C(=CN3C2)C(=O)NCC4=C(C=C(C=C4)F)F)[O-].[Na+]
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	GSK1265744 is used to research its capacity to inhibit HIV integrase, preventing viral integration into the host genome.



Storage

Store at -20°C, and keep desiccated.
