

Product Name	: Cabotegravir
Synonyms	: S/GSK1265744; GSK 744; Cabotegravir
Cat No.	: M17126
CAS Number	: 1051375-10-0
Molecular Formula	: C ₁₉ H ₁₇ F ₂ N ₃ O ₅
Formula Weight	: 405.35
Chemical Name	: (3S,11aR)-N-(2,4-difluorobenzyl)-6-hydroxy-3-methyl-5,7-dioxo-2,3,5,7,11,11a-hexahydrooxazolo[3,2-a]pyrido[1,2-d]pyrazine-8-carboxamide
Description	: Cabotegravir, also known as S/GSK1265744 or GSK744, is potent HIV integrase inhibitor under development for the treatment of HIV infection. Cabotegravir has a carbamoyl pyridone structure similar to dolutegravir.
Pathway	: Others
Target	: Other Targets
Receptor	: HIV integrase
Solubility	: DMSO : 12.67 mg/mL 31.26 mM;
SMILES	: <chem>C[C@H]1CC[C@H]2N1C(=O)c1c(c(=O)c(c1C2)C(=O)NCc1c(cc(cc1)F)F)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Yoshinaga T, et al. Antimicrob Agents ChemOthers. 2015, 59(1), 397-406.