

Product Information

Product ID R0247

CAS No. 518048-05-0

Chemical Name

Synonym MK-0518

Formula C₂₀H₂₁FN₆O₅

Formula Wt. 444.42

Melting Point

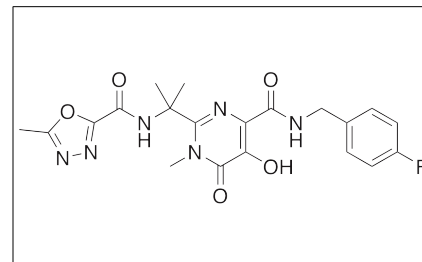
Purity ≥99%

Solubility soluble in water, slightly soluble in methanol, very slightly soluble in ethanol and acetonitrile and insoluble in isopropanol. The solubility of raltegravir increases with increasing pH such that its solubility in water is approx. 71 mg/mL. Its pKa is 6.3

Store Temp -20°C

Ship Temp Ambient

Description Raltegravir is an antiviral compound that inhibits HIV integrase; it is clinically used to treat HIV infection. In pre-clinical models, raltegravir decreases infection rates by preventing insertion of HIV-1 DNA into the host genome.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
R0247	1 mg	\$68.30
R0247	5 mg	\$99.80
R0247	10 mg	\$126.00

References Taramasso L, Madeddu G, Ricci E, et al. Raltegravir-based therapy in a cohort of HIV/HCV co-infected individuals. *Biomed Pharmacother.* 2015 Feb;69:233-6. PMID: 25661363.

Mouscadet JF, Tchertanov L. Raltegravir: molecular basis of its mechanism of action. *Eur J Med Res.* 2009 Nov 24;14 Suppl 3:5-16. PMID: 19959411.

Hicks C, Gulick RM. Raltegravir: the first HIV type 1 integrase inhibitor. *Clin Infect Dis.* 2009 Apr 1;48(7):931-9. PMID: 19231980.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.