



Product Information

Product ID E5178

CAS No. 143491-57-0

Chemical Name

Synonym

Formula C₈H₁₀FN₃O₃S

Formula Wt. 247.25

Melting Point

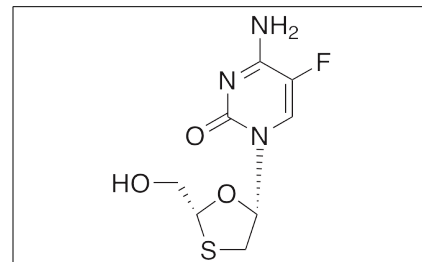
Purity ≥98%

Solubility DMSO ≥ 50 mg/ml, ethanol ≥ 17 mg/ml,
Water 112 mg/ml.
The log P for emtricitabine is -0.43 and the pKa is 2.65.

Store Temp 4°C

Ship Temp Ambient

Description Emtricitabine is a cytidine nucleoside analog reverse transcriptase inhibitor (NRTI) that is clinically used to treat HIV infection. This antiviral also displays some efficacy in the treatment of hepatitis B infection. Emtricitabine is typically co-administered with other antiretrovirals; it also inhibits telomerase activity in vitro.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
E5178	5 mg	\$63.00
E5178	10 mg	\$78.80
E5178	25 mg	\$99.80
E5178	50 mg	\$157.50

References Kulkarni R, Hluhanich R, McColl DM, et al. The combined anti-HIV-1 activities of emtricitabine and tenofovir plus the integrase inhibitor elvitegravir or raltegravir show high levels of synergy in vitro. *Antimicrob Agents Chemother.* 2014 Oct;58(10):6145-50. PMID: 25092710.

Arribas JR, Eron J. Advances in antiretroviral therapy. *Curr Opin HIV AIDS.* 2013 Jul;8(4):341-9. PMID: 23666392.

Leeansyah E, Cameron PU, Solomon A, et al. Inhibition of telomerase activity by human immunodeficiency virus (HIV) nucleos(t)ide reverse transcriptase inhibitors: a potential factor contributing to HIV-associated accelerated aging. *J Infect Dis.* 2013 Apr;207(7):1157-65. PMID: 23303810.

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