



LKT Laboratories, Inc.

Abacavir Sulfate

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Product Information

Product ID A0402

CAS No. 188062-50-2

Chemical Name

Synonym Abacavir hemisulfate

Formula $(C_{14}H_{18}N_6O)_2 \cdot H_2O_4S$

Formula Wt. 670.75

Melting Point

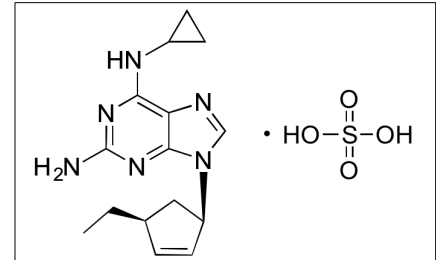
Purity $\geq 98\%$

Solubility 0.15mg/mL in DMSO

Store Temp Ambient

Ship Temp Ambient

Description Abacavir is a guanosine nucleoside analog reverse transcriptase inhibitor (NRTI) that is clinically used to treat HIV infection. Abacavir exhibits antiviral activity. This compound also inhibits guanylyl cyclase and telomerase activity.



Bulk quantities available upon request

Product ID	Size
A0402	5 mg
A0402	10 mg
A0402	25 mg
A0402	50 mg

References 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.

Baum PD, Sullam PM, Stoddart CA, et al. Abacavir increases platelet reactivity via competitive inhibition of soluble guanylyl cyclase. *AIDS.* 2011 Nov 28;25(18):2243-8. PMID: 21941165.

Ribera E, Tuset M, Martín M, et al. Characteristics of antiretroviral drugs. *Enferm Infecc Microbiol Clin.* 2011 May;29(5):362-91. PMID: 21531048.

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