

(1S,4R)-cis-4-Amino-2-cyclopentene-1-methanol D-Tartrate

Art. ID TRC-A603640-500MG
Unit 500 mg
Deliverydetails No Dangerous Good

Description

Category: Chiral Reagents, Intermediates, Nucleotides, Bases and Related Reagents /// Appearance: White Solid
/// Application Notes: (1S,4R)-cis-4-Amino-2-cyclopentene-1-methanol D-Tartrate (Abacavir - In House Impurity) is an intermediate of Abacavir (A104990). Abacavir is a carbocyclic 2'-deoxyguanosine nucleoside reverse transcriptase inhibitor and an anti-HIV drug used to treat HIV infection (1). Intracellular enzymes convert Abacavir to its active form, carbovir-triphosphate (CBV-TP), which then selectively inhibits HIV reverse transcriptase by incorporating into viral DNA (2). Abacavir is metabolized in the liver by uridine diphosphate glucuronyltransferase and alcohol dehydrogenase resulting in inactive glucuronide and carboxylate metabolites, respectively.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(1S,4R)-cis-4-Amino-2-cyclopentene-1-methanol D-Tartrate	[229177-52-0]				