

N-(2-Amino-4,6-dichloro-5-pyrimidinyl)formamide

Art. ID TRC-A604735-10G
Unit 10 g
Deliverydetails No Dangerous Good

Description

Category: Heterocycles, Nucleotides, Bases and Related Reagents /// Appearance: Off-White to Pale Beige Solid ///

Application Notes: N-(2-Amino-4,6-dichloro-5-pyrimidinyl)formamide (Abacavir - In House Impurity) is an intermediate of Abacavir (A105000). 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
	N-(2-Amino-4,6-dichloro-5-pyrimidinyl)formamide	[171887-03-9]				
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