

5-Amino-1-(2,3-O-isopropylidene-beta-D-ribofuranosyl)imidazole-4-carboxamide

Art. ID TRC-A611840-2.5G
Unit 2,5 g
Deliverydetails No Dangerous Good

Description

Category: Carbohydrates and Derivatives, Nucleotides, Bases and Related Reagents, /// Appearance: Pale Orange Solid /// Application Notes: Protected 5-Aminoimidazole-4-carboxamide-1-beta-D-ribofuranoside (A611700), a nucleoside analogue that is able to enter nucleoside pools and is able to significantly increase levels of adenosine during periods of ATP breakdown. Adenosine-regulating agents (ARAs) have been recognized for therapeutic potential in myocardial ischemia. Cardioprotective. /// References: Mullane, K., et al.: Trends Cardiovasc Med., 3, 227 (1993), Browne, G.J., et al.: J. Biol. Chem., 279, 13, 12220 (2004)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	5-Amino-1-(2,3-O-isopropylidene-beta-D-ribofuranosyl)imidazole-4-carboxamide	[3676-69-5]				