

Aprepitant-13C2,d2 (Major)

Art. ID TRC-A729802-1MG
Unit 1 mg
Deliverydetails No Dangerous Good /not restricted

Description

Category: Chiral Reagents, Heterocycles, Isotope Labelled Compounds, Pharmaceuticals, Intermediates and Fine Chemicals /// Appearance: Off-White Solid /// Application Notes: This product is deuterated at the 1 position and on the adjacent methyl. The 1 position is the benzylic position of the bis(trifluoromethyl) phenyl. This compound has a mixture of 1 to 4 deuterium atoms, there is no detectable unlabeled material. Aprepitant is a structurally novel substance P neurokinin 1 (NK1) receptor antagonist. In vitro studies using human liver microsomes indicate that aprepitant is metabolised primarily by CYP3A4 with minor metabolism by CYP1A2 and CYP2C19, and no metabolism by CYP2D6, CYP2C9, or CYP2E1. /// References: Hale, J.J., et al.: J. Med. Chem., 41, 4607 (1998), Campos, D., et al.: J. Clin. Oncol., 19, 1759 (2001), Van Belle, S., et al.: Cancer, 94, 3032 (2002), Majumdar, A.K., et al.: J. Clin. Pharmacol., 46, 291 (2006), XXX

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aprepitant-13C2,d2 (Major)	[1217676-37-3]				
	or)					