

(2S,3S,1'R)-Aprepitant

Art. ID TRC-A729770-100MG
Unit 100 mg

Description

Application Notes: (2S,3S,1'R)-Aprepitant is an impurity of Aprepitant (A729800), a novel selective neurokinin-1 (NK-1) 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. Antiemetic. (2S,3S,1'R)-Aprepitant is also a useful synthetic intermediate in the synthesis of morpholine tachykinin receptor antagonist prodrugs. /// 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)| Gangula, S., et al.: Synthetic Commun., 40, 2254 (2010)| Dorn, C.P., et al.: PCT Int. Appl. WO 9523798 A1 19950908. Sep 8, 1995

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(1R,2S,3S)-Aprepitant	[172822-28-5]				