

**(2S,3S)-5-(2-Aminoethyl)-2,3-dihydro-3-hydroxy-2-(4-hydroxyphenyl)-1,5-benzothiazepin-4(5H)-one-d4**

Art. ID TRC-A609222-25MG

Unit 25 mg

Description

Category: Aromatics, Chiral Reagents, Isotope Labelled Compounds, Pharmaceuticals, Intermediates and Fine Chemicals, Sulfur and Selenium Compounds /// Application Notes:

(2S,3S)-5-(2-Aminoethyl)-2,3-dihydro-3-hydroxy-2-(4-hydroxyphenyl)-1,5-benzothiazepin-4(5H)-one-d4 is the isotope labelled analog of

(2S,3S)-5-(2-Aminoethyl)-2,3-dihydro-3-hydroxy-2-(4-hydroxyphenyl)-1,5-benzothiazepin-4(5H)-one.

(2S,3S)-5-(2-Aminoethyl)-2,3-dihydro-3-hydroxy-2-(4-hydroxyphenyl)-1,5-benzothiazepin-4(5H)-one is an impurity of diltiazem (D460620). Diltiazem Hydrochloride is a calcium channel blocker with vasodilating activity. Anti-anginal, anti-hypertensive, anti-arrhythmic (class IV). /// References: Sato, et al.: *Arzneim.-Forsch.*, 21, 1338 (1971), Smirnov, S.R.: *Eur. J. Pharmacol.*, 360, 81 (1998), Hansson, L., et al.: *Lancet*, 356, 359 (2000)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(2S,3S)-5-(2-Aminoethyl)-2,3-dihydro-3-hydroxy-2-(4-hydroxyphenyl)-1,5-benzothiazepin-4(5H)-one-d4					