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(R)-3-Amino-N-((R)-4-oxo-1-phenyl-4-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)butan-2-yl)-4-(2,4,5-trifluorophenyl)butanamide-d4

Art. ID TRC-A618697-25MG

Unit 25 mg

Description

Application Notes:
(R)-3-Amino-N-((R)-4-oxo-1-phenyl-4-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)butan-2-yl)-4-(2,4,5-trifluorophenyl)butanamide-d4 is the isotope labelled analog of (R)-3-Amino-N-((R)-4-oxo-1-phenyl-4-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)butan-2-yl)-4-(2,4,5-trifluorophenyl)butanamide.
(R)-3-Amino-N-((R)-4-oxo-1-phenyl-4-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)butan-2-yl)-4-(2,4,5-trifluorophenyl)butanamide is an impurity of sitagliptin (S491000), which is a trizolopyrazine dipeptidyl peptidase IV inhibitor. Sitagliptin has recently been approved for the therapy of type II diabetes. /// References: Kim, D., et al.: J. Med. Chem. 48, 141 (2005), Ahren, B., et al.: Eur. J. Pharmacol. 521 164 (2005)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(R)-3-Amino-N-((R)-4-oxo-1-phenyl-4-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)butan-2-yl)-4-(2,4,5-trifluorophenyl)butanamide-d4					