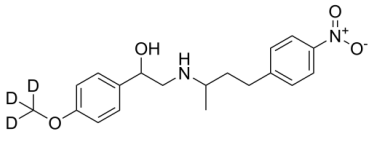
Data Sheet

Product Name:	Phenylethanolamine A-d_3
Cat. No.:	CS-0128317
CAS No.:	2507994-61-6
Molecular Formula:	$C_{19}H_{21}D_3N_2O_4$
Molecular Weight:	347.42
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Phenylethanolamine A-D3 is a deuterium labeled Phenylethanolamine A. Phenylethanolamine A acts as a β-adrenergic agonist. Phenylethanolamine A is a byproduct during the Ractopamine synthesis process[1].

References:

[1]. Mingxin Li, et al. Ultrasensitive and Quantitative Detection of a New β-agonist Phenylethanolamine A by a Novel Immunochromatographic Assay Based on Surface-Enhanced Raman Scattering (SERS). J Agric Food Chem. 2014 Nov 12;62(45):10896-902.

CAIndexNames:

1-(4-(Methoxy-d3)phenyl)-2-((4-(4-nitrophenyl)butan-2-yl)amino)ethan-1-ol

SMILES:

O=[N+](C1=CC=C(CCC(C)NCC(O)C2=CC=C(OC([2H])([2H])[2H])C=C2)C=C1)[O-]

Tel: 610-426-3128 Fax: 888-484-5008 E-mail: sales@ChemScene.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA