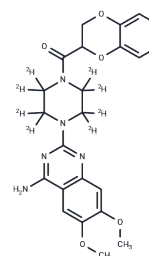


Doxazosin D8

Chemical Properties

CAS No. :	1126848-44-9
Formula:	C ₂₃ H ₂₅ N ₅ O ₅
Molecular Weight:	459.52
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Doxazosin-D8 is a deuterium labeled Doxazosin (T22316) (UK 33274). Doxazosin, a quinazoline derivative, selectively antagonizes postsynaptic AP1 adrenergic receptor.
Targets(IC50)	Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1762 mL	10.8809 mL	21.7618 mL
5 mM	0.4352 mL	2.1762 mL	4.3524 mL
10 mM	0.2176 mL	1.0881 mL	2.1762 mL
50 mM	0.0435 mL	0.2176 mL	0.4352 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Miura, Y. and K. Yoshinaga, Doxazosin: a newly developed, selective alpha 1-inhibitor in the management of patients with pheochromocytoma. Am Heart J, 1988. 116(6 Pt 2): p. 1785-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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