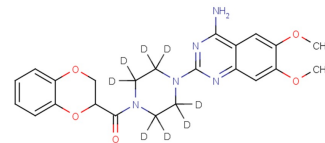


Doxazosin D8

Chemical Properties

CAS No.:	1126848-44-9
Formula:	C ₂₃ H ₁₇ D ₈ N ₅ O ₅
Molecular Weight:	459.52
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Doxazosin D8 (UK 33274 D8) is a deuterium labeled Doxazosin (UK 33274). Doxazosin, a quinazoline derivative, selectively antagonizes postsynaptic α_1 adrenergic receptor.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.176 mL	10.881 mL	21.762 mL
5 mM	0.435 mL	2.176 mL	4.352 mL
10 mM	0.218 mL	1.088 mL	2.176 mL
50 mM	0.044 mL	0.218 mL	0.435 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Miura, Y. and K. Yoshinaga, Doxazosin: a newly developed, selective α_1 -inhibitor in the management of patients with pheochromocytoma. Am Heart J, 1988. 116(6 Pt 2): p. 1785-9.

Inhibitors · Natural Compounds · Compound Libraries

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