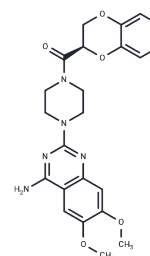


(R)-Doxazosin

Chemical Properties

CAS No. :	70918-17-1
Formula:	C ₂₃ H ₂₅ N ₅ O ₅
Molecular Weight:	451.48
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	(R)-Doxazosin ((R)-UK 33274) is an isomer of Doxazosin, a selective oral α_1 -adrenoceptor agonist. Doxazosin is utilized for systemic antihypertensive and ocular hypotensive purposes. It achieves its antihypertensive effect by selectively blocking postsynaptic α_1 receptors, reducing total peripheral resistance without impacting cardiac output. Doxazosin significantly lowers both standing and supine blood pressure.
Targets(IC50)	Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2149 mL	11.0747 mL	22.1494 mL
5 mM	0.443 mL	2.2149 mL	4.4299 mL
10 mM	0.2215 mL	1.1075 mL	2.2149 mL
50 mM	0.0443 mL	0.2215 mL	0.443 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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