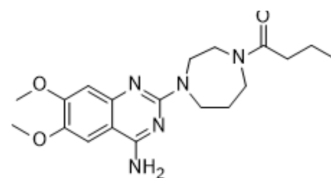


Bunazosin

Cat. No.:	HY-107326		
CAS No.:	80755-51-7		
Molecular Formula:	C ₁₉ H ₂₇ N ₅ O ₃		
Molecular Weight:	373.45		
Target:	Adrenergic Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (267.77 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6777 mL	13.3887 mL	26.7773 mL
	5 mM	0.5355 mL	2.6777 mL	5.3555 mL
	10 mM	0.2678 mL	1.3389 mL	2.6777 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Bunazosin is a potent and selective α 1-adrenoceptor antagonist. Bunazosin can be used for antihypertensive and ocular hypotensive research^[1].

IC₅₀ & Target

α 1-adrenergic receptor

REFERENCES

- [1]. Hideaki Hara , et al. Bunazosin, a selective alpha1-adrenoceptor antagonist, as an anti-glaucoma drug: effects on ocular circulation and retinal neuronal damage. Cardiovasc Drug Rev. Spring 2005;23(1):43-56.
- [2]. Hideaki Hara , et al. Bunazosin, a selective alpha1-adrenoceptor antagonist, as an anti-glaucoma drug: effects on ocular circulation and retinal neuronal damage. Cardiovasc Drug Rev. Spring 2005;23(1):43-56.

Caution: Product has not been fully validated for medical applications. For research use only.

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