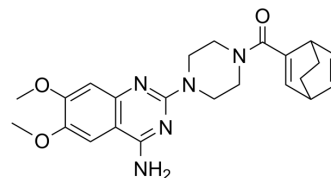


## Prazobind

Cat. No.:	HY-118335
CAS No.:	107021-36-3
Molecular Formula:	C <sub>23</sub> H <sub>27</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	421.49
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Prazobind (SZL 49), a prazosin analog, is a potent alpha 1-adrenoceptor blocker. Prazobind competes for alpha 1-adrenoceptor binding sites with a similar potency (IC<sub>50</sub>=1 nM) in tissues enriched in both the alpha 1A (hippocampus) and alpha 1B (liver) subtypes<sup>[1][2]</sup>.

### REFERENCES

- [1]. Mante S, et al. The alkylating prazosin analog SZL 49 inactivates both alpha 1A- and alpha 1B-adrenoceptors. *Eur J Pharmacol.* 1991;208(2):113-117.
- [2]. Piascik MT, Kusiak JW, Barron KW. Alpha 1-adrenoceptor subtypes and the regulation of peripheral hemodynamics in the conscious rat. *Eur J Pharmacol.* 1990;186(2-3):273-278.

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

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