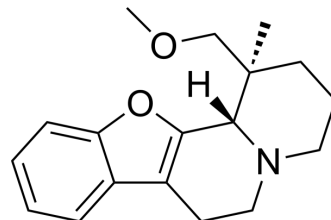


ORM-10921 free base

Cat. No.:	HY-114814
CAS No.:	610782-82-6
Molecular Formula:	C ₁₈ H ₂₃ NO ₂
Molecular Weight:	285.38
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	ORM-10921 free base is a selective α -2C adrenergic receptor antagonist with a K _i of 1.4 nM. ORM-10921 free base displays potent antidepressant and antipsychotic-like effects ^[1] .
IC ₅₀ & Target	Alpha-2C adrenergic receptor 1.4 nM (K _i)

REFERENCES

[1]. Jukka Sallinen, et al. Pharmacological characterisation of a structurally novel α 2C-adrenoceptor antagonist ORM-10921 and its effects in neuropsychiatric models. *Basic Clin Pharmacol Toxicol.* 2013 Oct;113(4):239-49.

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

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