

Guanfacine

Catalog No: tcsc2787



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

29110-47-2

Formula:

$C_9H_9Cl_2N_3O$

Pathway:

GPCR/G Protein

Target:

Adrenergic Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

246.09

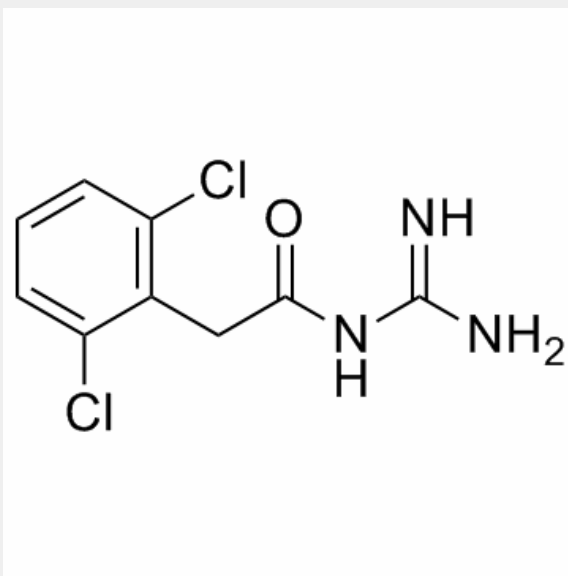
Product Description

Guanfacine is a selective α_2A receptor agonist.

Target: α_2A Receptor

Guanfacine is a sympatholytic. It is a selective α_2A receptor agonist. These receptors are concentrated heavily in the prefrontal cortex and the locus coeruleus, with the potential to improve attention resulting from interaction with receptors in the former.

Guanfacine lowers both systolic and diastolic blood pressure by activating the central nervous system α_2A norepinephrine autoreceptors, which results in reduced peripheral sympathetic outflow and thus a reduction in peripheral sympathetic tone [1, 2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!