Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

Escitalopram

Catalog No: tcsc2053

Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg

Specifications

CAS No:
128196-01-0

Formula:
$C_{20}H_{21}FN_2O$

Pathway:
Neuronal Signaling;Metabolic Enzyme/Protease

Target:
Serotonin Transporter;Endogenous Metabolite

Purity / Grade:
>98%

Solubility:
10 mM in DMSO

Alternative Names:
(S)-Citalopram;S-(+)-Citalopram

Observed Molecular Weight:
324.39

Product Description

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Escitalopram is a selective serotonin reuptake inhibitor (SSRI) with Ki of 0.89 nM.

Target: SSRIs

Escitalopram, the S-enantiomer of citalopram, belongs to a class of antidepressant agents known as selective serotonin-reuptake inhibitors (SSRIs). Escitalopram may be used to treat major depressive disorder (MDD) and generalized anxiety disorder (GAD). Escitalopram has no significant affinity for adrenergic (alpha1, alpha2, beta), cholinergic, GABA, dopaminergic, histaminergic, serotonergic (5HT1A, 5HT1B, 5HT2), or benzodiazepine receptors; antagonism of such receptors has been hypothesized to be associated with various anticholinergic, sedative, and cardiovascular effects for other psychotropic drugs. The chronic administration of escitalopram is found to downregulate brain norepinephrine receptors, as has been observed with other drugs effective in the treatment of major depressive disorder. Escitalopram does not inhibit monoamine oxidase.