

Nepicastat

Catalog No: tcsc0515



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

173997-05-2

Formula:

$C_{14}H_{15}F_2N_3S$

Pathway:

Metabolic Enzyme/Protease

Target:

Dopamine β -hydroxylase

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 48 mg/mL (162.52 mM)

Alternative Names:

SYN117;RS-25560-197

Observed Molecular Weight:

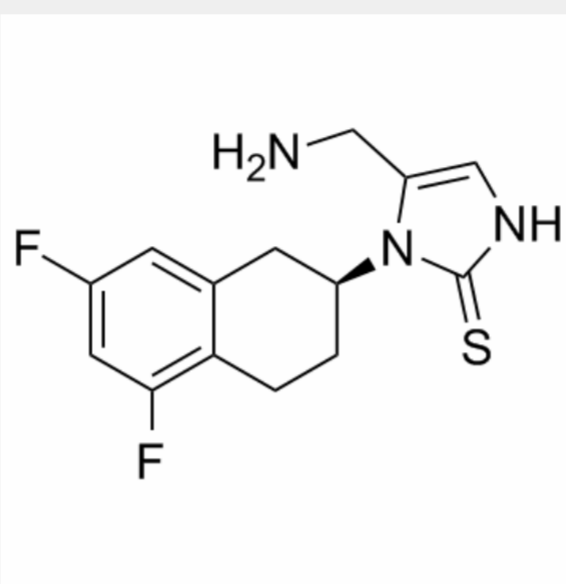
295.35

Product Description

Nepicastat (SYN117; RS-25560-197) is a dopamine beta-hydroxylase inhibitor with IC₅₀ of 8.5 ± 0.8 and 9.0 ± 0.8 nM for bovine and human, respectively.

IC₅₀ value: 8.5/9.0 nM(bovine/human dopamine beta-hydroxylase)

Dopamine beta-hydroxylase is an enzyme that catalyzes the conversion of dopamine to norepinephrine. Nepicastat (SYN117; RS-25560-197) has been studied as a possible treatment for congestive heart failure, and appears to be well tolerated as such.



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