

NBI-98782

Catalog No: tcsc1899



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

85081-18-1

Formula:

$C_{19}H_{29}NO_3$

Pathway:

Membrane Transporter/Ion Channel

Target:

Monoamine Transporter

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

(+)-DTBZ; (+)- α -Dihydrotetrabenazine; (+)- α -DHTBZ

Observed Molecular Weight:

319.44

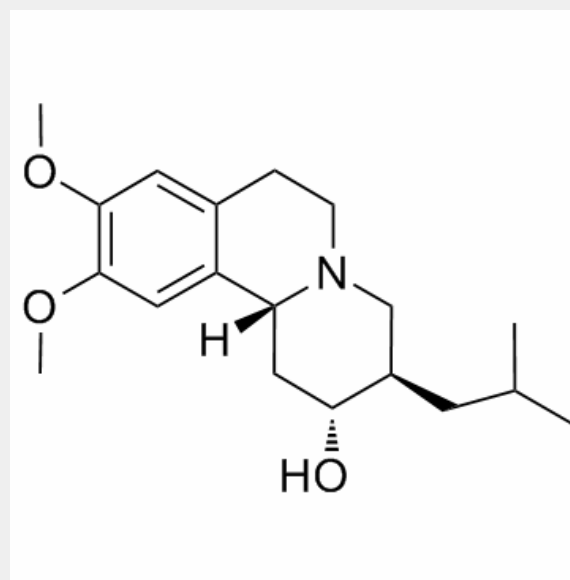
Product Description

NBI-98782(alpha-dihydrotetrabenazine) is a vesicular monoamine transporter (VMAT2) inhibitor with an K_i value of 0.97 nM.

IC₅₀ value: 0.97 ± 0.48 nM [1]

Target: VMAT2

The (+)-isomer showed high affinity in vitro ($K_i = 0.97 \pm 0.48$ nM) for the vesicular monoamine transporter (VMAT2) in rat brain striatum, whereas the (-)-isomer was inactive ($K_i = 2.2 \pm 0.3$ microM). Each isomer was then synthesized in carbon-11 labeled form, and regional brain biodistributions in mice determined after intravenous injection.



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