

Fabomotizole (hydrochloride)

Catalog No: tcsc3264



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

173352-39-1

Formula:

$C_{15}H_{22}ClN_3O_2S$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 44 mg/mL (127.96 mM)

Alternative Names:

CM346 hydrochloride

Observed Molecular Weight:

343.87

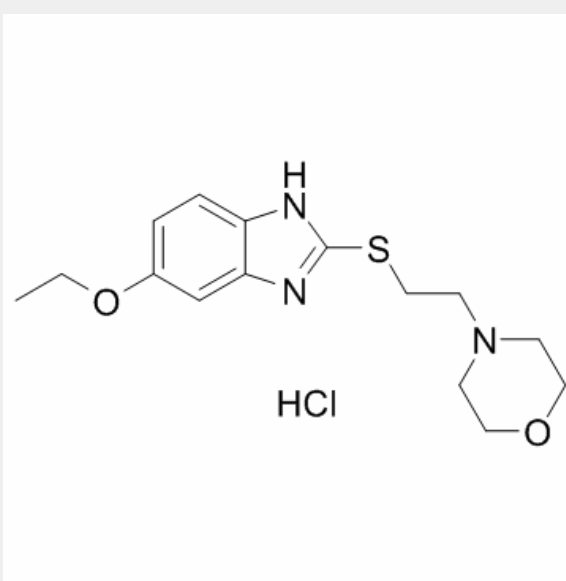
Product Description

Fabomotizole HCl (CM346 HCl) is an anxiolytic drug; produces anxiolytic and neuroprotective effects without any sedative or muscle relaxant actions.

IC50 value:

Target: anxiolytic agent

Afobazole's mechanism of action remains poorly defined however, with GABAergic, NGF and BDNF release promoting, MT1 receptor antagonism, MT3 receptor antagonism, and sigma agonism suggested as potential mechanisms. Afobazole was shown to inhibit MAO-A reversibly and there might be also some involvement with serotonin receptors. Afobazole has found little clinical use outside of Russia and has not been evaluated by the FDA.



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