

Product Name : Afobazole hydrochloride

Synonyms : CM346 hydrochloride

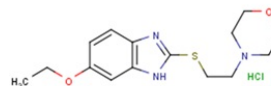
Cat No. : M17367

CAS Number : 173352-39-1

Molecular Formula : C₁₅H₂₂ClN₃O₂S

Formula Weight : 343.87

Chemical Name : —



Description : Fabomotizole HCl (CM346 HCl), an anxiolytic drug, produces anxiolytic and neuroprotective effects. The mechanism of Afobazole 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 inhibits MAO-A reversibly and there might be also some involvement with serotonin receptors.

Pathway : Cell Cycle/DNA Damage

Target : DNA/RNA Synthesis

Receptor : Others

Solubility : DMSO : ≥ 44 mg/mL 127.96 mM

SMILES : CCOc1cc2c(cc1)nc([nH]2)SCCN1CCOCC1.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Afobazole, From Wikipedia