(±)-MDA (hydrochloride)
Item No. 11554

CAS Registry No.: 6292-91-7
Formal Name: α-methyl-1,3-benzodioxole-5-ethanamine, monohydrochloride
Synonyms: 3,4-MDA, 3,4-Methylenedioxamphetamine, NSC 9978, NSC 27106
MF: C<sub>10</sub>H<sub>13</sub>NO<sub>2</sub> • HCl
FW: 215.7
Purity: ≥98%
Stability: ≥2 years at -20°C
Supplied as: A crystalline solid
UV/Vis.: λ<sub>max</sub>: 237, 287 nm

Description

(±)-MDA (hydrochloride) (Item No. 11554) is an analytical reference standard that is structurally categorized as an amphetamine. It acts as a serotonergic 5-HT<sub>2A</sub> receptor agonist and releases monoamines by interacting with monoamine plasmalemmal transporters. R(-)-MDA is more a potent psychoactive agent than its S(+)-enantiomer. Despite being scheduled as a controlled substance in the US since 1970, tablets sold as “ecstasy” often contain (±)-MDA instead of 3,4-methylenedioxymethamphetamine. This product is intended for research and forensic applications.

References