Fenethylline (hydrochloride)
Item No. 14146

CAS Registry No.: 1892-80-4
Formal Name: 3,7-dihydro-1,3-dimethyl-7-[2-[(1-methyl-2-phenylethyl)amino]ethyl]-1H-purine-2,6-dione, monohydrochloride
Synonyms: Amphetaminethyletheophylline, Amfetyline, NSC 169872
MF: C_{18}H_{23}N_{5}O_{2} • HCl
FW: 377.9
Purity: ≥98%
UV/Vis.: \( \lambda_{\text{max}} \): 275 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

Fenethylline is an analytical reference standard categorized as a stimulant.\(^1\) It is a theophylline (Item No. 23760) derivative of amphetamine (Item No. ISO60188) that has stimulant and psychoactive properties. Formulations containing fenethylline have been used as anorectics, study aids, and to induce euphoria and extra energy in militants. Fenethylline is regulated as a Schedule I compound in the United States. This product is intended for research and forensic applications.

Reference