

Azacyclonol

Catalog No: tcsc2754



Available Sizes

Size: 1g

Size: 5g



Specifications

CAS No:

115-46-8

Formula:

$C_{18}H_{21}NO$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

γ -pipradol

Observed Molecular Weight:

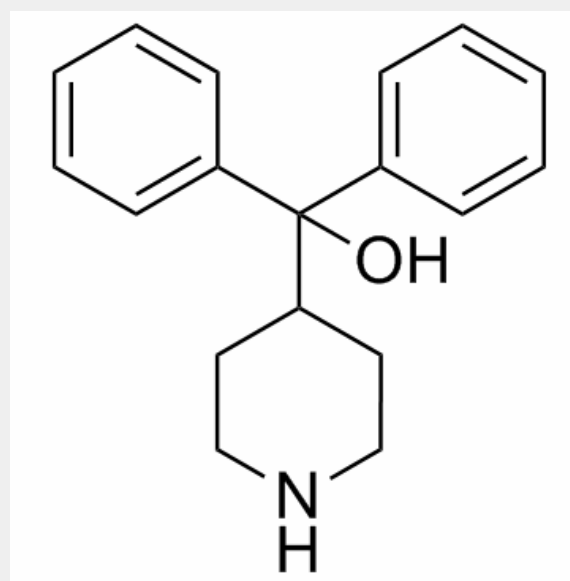
267.37

Product Description

Azacyclonol, also known as γ -pipradol, is a drug used to diminish hallucinations in psychotic individuals.

Target: Others

Azacyclonol is a drug which is a so-called ataractive, or agent which diminishes hallucinations in psychotic individuals. The formation of Azacyclonol in human intestinal microsomes is linear with respect to time up to 60 min. The rates of formation of Azacyclonol increases linearly with microsomal protein concentration up to 2 mg/mL. The apparent K_m and V_{max} values of Azacyclonol are 0.82 μM and 60 pmol/min/mg protein in microsomes from human liver [1]. The formation of Azacyclonol and terfenadine alcohol from terfenadine is confirmed to be catalyzed predominantly by CYP3A(4) isozyme, and the ratio of the rate of terfenadine alcohol formation to that of Azacyclonol is 3:1 [2]. The amount of Azacyclonol eliminated renally increases on average 2-fold after rifampin dosing [3].



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