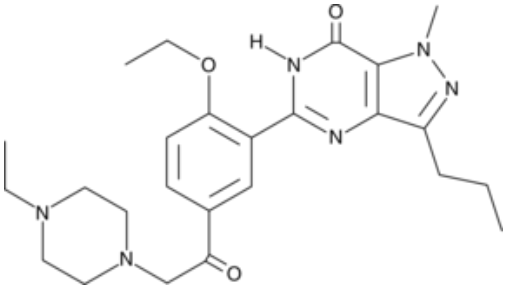
Product Data Sheet

Product Name: Acetildenafil
Cat. No.: GC41269

Chemical Properties

Cas. No.	831217-01-7		
SMILES	CCN1CCN(CC(C2=CC(C3=NC(C(CCC)=NN4C)=C4C(N3)=O)=C(OCC)C=C2)=O)CC1		
Formula	C25H34N6O3	M.Wt	466.6
Solubility	DMF: 10 mg/ml,DMF:PBS(pH 7.2) (1:1): 0.5 mg/ml,DMSO: 3.3 mg/ml,Ethanol: 5 mg/ml	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Acetildenafil is an analog of the phosphodiesterase inhibitor sildenafil , named for a substitution of an acetyl group for a sulfonyl group. This compound has been identified in herbal products marketed as aphrodisiacs. The physiological and toxicological properties of this analog have not been elucidated. This product is intended for forensic and research purposes.