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DATASHEET

Acetildenafil

Product overview

Name	Acetildenafil
Cat No	HB0103
Biological action	Inhibitor
Purity	>98%
Description	Sildenafil analog

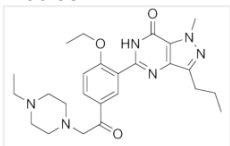
Biological Data

Biological description	Sildenafil analog, sildenafil acts as a phosphodiesterase inhibitor. Function and efficacy currently unknown.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in chloroform or methanol
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	466.58
Chemical structure	
Molecular Formula	C ₂₅ H ₃₄ N ₆ O ₃
CAS Number	831217-01-7
PubChem identifier	0
SMILES	<chem>CCCC1=NN(C)C2=C1N=C(NC2=O)C1=C(OCC)C=CC(=C1)C(=O)CN1CCN(CC)CC1</chem>

References

Characterization of Sildenafil analogs by MS/MS and NMR: a guidance for detection and structure elucidation of phosphodiesterase-5 inhibitors.

Mustazza C *et al* (2014) J Pharm Biomed Anal 96
PubMedID [24747148](#)

Detection of sildenafil analogues in herbal products for erectile dysfunction.

Oh SS *et al* (2006) J Toxicol Environ Health A 69(21)
PubMedID [16982533](#)

