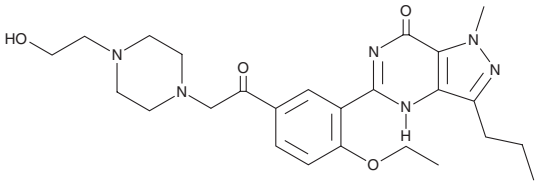
PRODUCT INFORMATION

Hydroxy Acetildenafil

Item No. 45713

CAS Registry No.: 147676-56-0
Formal Name: 5-[2-ethoxy-5-[2-[4-(2-hydroxyethyl)-1-piperazinyl]acetyl]phenyl]-1,6-dihydro-1-methyl-3-propyl-7H-pyrazolo[4,3-d]pyrimidin-7-one
Synonym: Hydroxy Hongdenafil
MF: $C_{25}H_{34}N_6O_4$
FW: 482.6
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



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

Laboratory Procedures

Hydroxy acetildenafil is supplied as a solid. A stock solution may be made by dissolving the hydroxy acetildenafil in the solvent of choice, which should be purged with an inert gas. Hydroxy acetildenafil is sparingly soluble (1-10 mg/ml) in DMSO.

Description

Hydroxy acetildenafil is a hydroxylated derivative of acetildenafil (Item No. 12049) and a derivative of the phosphodiesterase 5 (PDE5) inhibitor sildenafil (Item No. 10008671).[1] It has been found in pre-mixed bulk powder intended as a dietary supplement.

Reference

1. Hou, P., Zou, P., Low, M.-Y., *et al.* Structural identification of a new acetildenafil analogue from pre-mixed bulk powder intended as a dietary supplement. *Food Addit. Contam.* **23(9)**, 870-875 (2006).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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