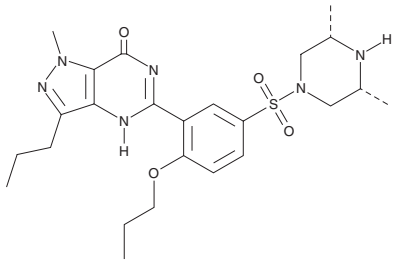
PRODUCT INFORMATION

Propoxyphenyl Methisosildenafil

Item No. 46619

CAS Registry No.: 1391053-82-9
Formal Name: 5-[5-[[(3R,5S)-3,5-dimethyl-1piperazinyl]sulfonyl]-2-propoxyphenyl]-1,6-dihydro-1-methyl-3-rel-H-pyrazolo[4,3-d]pyrimidin-7-one
Synonyms: Propoxyphenyl Aildenafil
MF: $C_{24}H_{34}N_6O_4S$
FW: 502.6
Purity: ≥95%
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

Propoxyphenyl methisosildenafil is supplied as a solid. Aqueous solutions of propoxyphenyl methisosildenafil can be prepared by directly dissolving the solid in aqueous buffers. Propoxyphenyl methisosildenafil is sparingly soluble (1-10 mg/ml) in PBS (pH 7.2). We do not recommend storing the aqueous solution for more than one day.

Description

Propoxyphenyl methisosildenafil is a derivative of the phosphodiesterase 5 (PDE5) inhibitor sildenafil (Item Nos. 10008671 | 14008).[1] It has been found as an adulterant in dietary supplements.

Reference

1. Kee, C.L., Ge, X., Koh, H.L., *et al*. Isolation and characterization of propoxyphenyl linked sildenafil and thiosildenafil analogues in health supplements. *J. Pharm. Biomed. Anal.* **70**, 265-272 (2012).

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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