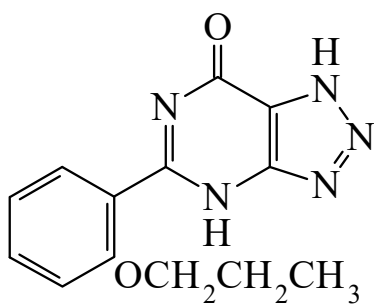




>>Entry Name: Zaprinas, BAN, INN

Synonym(s): 1,4-Dihydro-5-(2-propoxyphenyl)-7H-1,2,3-triazolo[4,5-d]pyrimidin-7-one, 9Cl. 2-(2-Propoxyphenyl)-8-azahypoxanthine. M



CAS Registry Number: 37762-06-4

Molecular Formula: C₁₃H₁₃N₅O₂

Molecular Weight: 271.278

Accurate Mass: 271.106925

Percentage Composition: C 57.56%; H 4.83%; N 25.82%; O 11.80%

Use/Importance: Phosphodiesterase (type V) inhibitor. Antiallergic, antiasthmatic agent

Physical Description: Prisms (MeOH)

Melting Point: Mp 241 dec.°

Sigma: Z0878

References:

Broughton, B.J. *et al.*, *J. Med. Chem.*, 1975, **18**, 1117, (*synth, pharmacol*)

Wilson, S.R. *et al.*, *J.A.C.S.*, 1982, **104**, 259, (*cryst struct*)

Picot, V.S. *et al.*, *J. Chromatogr.*, 1990, **527**, 454, (*hplc*)

Dundore, R.L. *et al.*, *Eur. J. Pharmacol.*, 1993, **249**, 293, (*pharmacol*)

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