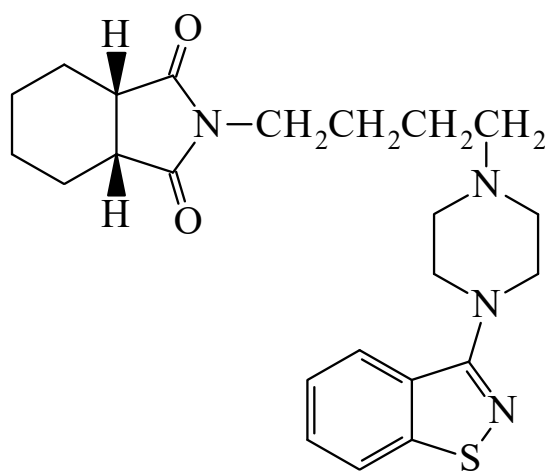




>>Entry Name: Perospirone, INN

Synonym(s): 2-[4-[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]butyl]hexahydro-1*H*-isoindole-1,3(2*H*)-dione, 9CI



CAS Registry Number: 150915-41-6

Related CAS Registry Numbers(s): 105981-50-8 105981-51-9

Molecular Formula: C₂₃H₃₀N₄O₂S

Molecular Weight: 426.582

Accurate Mass: 426.208946

Percentage Composition: C 64.76%; H 7.09%; N 13.13%; O 7.50%; S 7.52%

Use/Importance: 5-HT₂ and dopamine D₂-receptor antagonist. Antipsychotic agent

Calculated Log P Data: Log P 3.71 (uncertain value) (calc)

>>Derivative: Hydrochloride

Synonym(s): SM 9018

CAS Registry Number: 129273-38-7

Melting Point: Mp 184-185°

References:

- Eur. Pat.*, 1986, *Sumitomo*, 196 096; *CA*, **106**, 33119f, (*synth, pharmacol*)
Hirose, A. *et al.*, *Jpn. J. Pharmacol.*, 1990, **53**, 321; **54**, 478; 1993, **62**, 419, (*pharmacol*)
Nishioka, K. *et al.*, *Radioisotopes*, 1993, **42**, 399, (*synth*)
Ohno, Y. *et al.*, *Pharmacol., Biochem. Behav.*, 1994, **49**, 19, (*pharmacol*)
Ohno, Y. *et al.*, *Gen. Pharmacol.*, 1995, **26**, 489, (*pharmacol*)