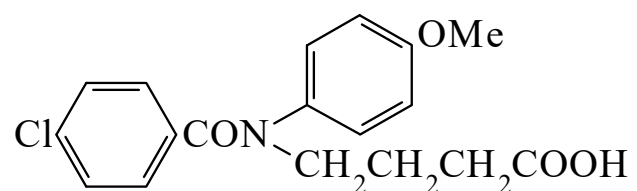




>>Entry Name: **Clanobutin**, INN

Synonym(s): 4-[(Chlorobenzoyl)(4-methoxyphenyl)amino]butanoic acid, 9Cl. 4-[*p*-Chloro-*N*-(*p*-methoxyphenyl)benzamido]butyric acid, 8Cl. Bykahepar. B 6518



CAS Registry Number: 30544-61-7

Related CAS Registry Numbers(s): 74755-21-8

Molecular Formula: C₁₈H₁₈ClNO₄

Molecular Weight: 347.797

Accurate Mass: 347.092436

Percentage Composition: C 62.16%; H 5.22%; Cl 10.19%; N 4.03%; O 18.40%

Use/Importance: Choleric agent

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 115-116°

pKa Value: p*K*_a 5.04

Calculated Log P Data: Log P 2.68 (calc)

Hazard & Toxicity: LD₅₀ (rat, ivn) 570 mg/kg

References:

Klemm, K. *et al.*, *Arzneim.-Forsch.*, 1979, **29**, 1, (*synth, pharmacol, tox*)

Berchtold, P. *et al.*, *Arzneim.-Forsch.*, 1980, **30**, 1878, (*pharmacol*)

Wolf, H. *et al.*, *Biochem. Pharmacol.*, 1980, **29**, 1649, (*props*)