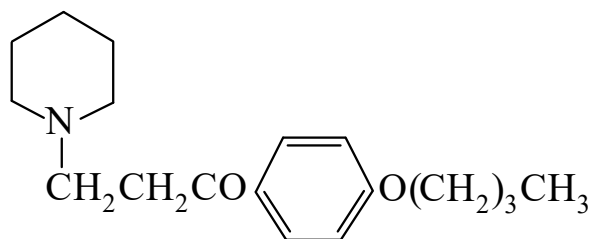




>>Entry Name: **Dyclonine**, INN

Synonym(s): 1-(4-Butoxyphenyl)-3-(1-piperidinyl)-1-propanone, 9Cl. 4'-Butoxy-3-piperidinopropiophenone, 8Cl. **Dyclocaïne**, BAN



CAS Registry Number: 586-60-7

Type of Compound Code(s): XA0600 XA1050

Molecular Formula: C<sub>18</sub>H<sub>27</sub>NO<sub>2</sub>

Molecular Weight: 289.417

Accurate Mass: 289.204179

Percentage Composition: C 74.70%; H 9.40%; N 4.84%; O 11.06%

Use/Importance: Topical anaesthetic, antiarrhythmic agent

Calculated Log P Data: Log P 4.85 (calc)

>>Derivative: Hydrochloride

Synonym(s): **Dyclonine hydrochloride**, USAN. Dyclone. Diclonina. Resolve. Tanaclone

CAS Registry Number: 536-43-6

Melting Point: Mp 175-176°

**Hazard & Toxicity:** Can cause allergic contact dermatitis. Skin and eye irritant. LD<sub>50</sub> (rat, ipr) 33 mg/kg

Rare Chemicals Library: S40352-0

Sigma: D7512

#### References:

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Tayal, G. *et al.*, *Jpn. J. Pharmacol.*, 1976, **26**, 111, (*tox*)

Purcell, S.M. *et al.*, *J. Am. Acad. Dermatol.*, 1985, **12**, 231, (*tox*)

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