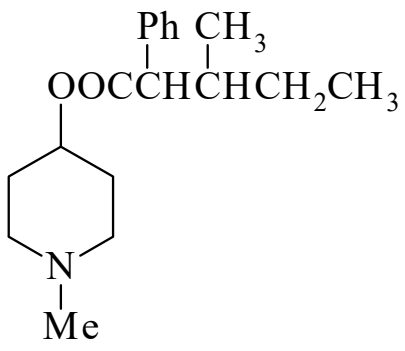
>>**Entry Name: Pentapiperide,** BAN, INN
Synonym(s): 1-Methyl-4-piperidinyl α-(1-methylpropyl)benzeneacetate, 9CI



CAS Registry Number: 7009-54-3
Related CAS Registry Numbers(s): 26372-86-1

Molecular Formula: $C_{18}H_{27}NO_2$
Molecular Weight: 289.417
Accurate Mass: 289.204179
Percentage Composition: C 74.70%; H 9.40%; N 4.84%; O 11.06%
Use/Importance: Anticholinergic, antispasmodic
Physical Description: Oil
Boiling Point: $Bp_{0.005}$ 102-104°
Calculated Log P Data: Log P 3.66 (calc)

>>**Derivative:** Hydrochloride

Melting Point: Mp 85-86°

>>**Derivative:** Fumarate (1:1)
Synonym(s): Pentapiperide fumarate. **Lyspafen‡.** C 4675

CAS Registry Number: 635-32-5
Melting Point: Mp 91-93°
Aldrich: 24377-9

>>**Derivative:** Methobromide

Physical Description: Cryst.
Melting Point: Mp 138-140°

>>**Derivative:** Dimethylsulfate
Synonym(s): 1,1-Dimethyl-4-[(3-methyl-1-oxo-2-phenylpentyl)oxy]piperidinium sulfate. Pentapiperium methylsulfate, INN, USAN. Valpipamate methyl sulfate. Crilin. Crylene. Hycholin. Perium. Quilene. AY 5810

CAS Registry Number: 7681-80-3
Molecular Formula: $C_{20}H_{33}NO_6S$
Molecular Weight: 415.55
Accurate Mass: 415.202859
Percentage Composition: C 57.81%; H 8.00%; N 3.37%; O 23.10%; S 7.72%
Melting Point: Mp 110-112°

References:

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Fleisch, A. *et al.*, *Arzneim.-Forsch.*, 1961, **11**, 1119, *(synth)*
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