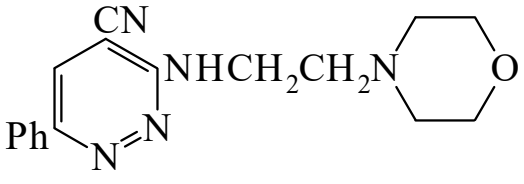
>>**Entry Name: Bazinaprine,** INN
Synonym(s): 3-[[2-(4-Morpholinyl)ethyl]amino]-6-phenyl-4-pyridazinecarbonitrile, 9CI. SR 95191



CAS Registry Number: 94011-82-2

Molecular Formula: $C_{17}H_{19}N_5O$
Molecular Weight: 309.37
Accurate Mass: 309.15896
Percentage Composition: C 66.00%; H 6.19%; N 22.64%; O 5.17%
Use/Importance: Monoamine oxidase inhibitor. Antidepressant
Physical Description: Yellow solid
Melting Point: Mp 138°
Experimental Log P Data: Log P 1.89 (25°) (exp)
Calculated Log P Data: Log P 2.29 (calc)
Other Data: λ_{max} 272 (ε 25600) nm
Hazard & Toxicity: LD_{50} (rat, orl) 1000 mg/kg. LD_{50} (rat, ipr) 750 mg/kg

>>**Derivative:** Hydrochloride (1:2)

CAS Registry Number: 94011-81-1
Physical Description: Cryst. (2-propanol)
Melting Point: Mp 144 dec.°
Other Data: λ_{max} 277 (ε 27200) nm

References:

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Durant, F. *et al.*, *Actual. Chim. Ther.*, 1989, **16**, 241, *(cmr)*
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Arnaud-Neu, F. *et al.*, *J.C.S. Perkin 2*, 1990, 1191, *(pKa, Log P, uv)*