



**CAS Registry Number:** 873-71-2

**Molecular Formula:** C<sub>8</sub>H<sub>12</sub>N<sup>(+)</sup>

**Molecular Weight:** 122.19

**Accurate Mass:** 122.096974

**Percentage Composition:** C 78.64%; H 9.90%; N 11.46%

**Physical Description:** Cryst. (as bromide)

**Melting Point:** Mp 76-79° (bromide)

**Other Data:** CAS no. refers to bromide

>>Derivative: N-Ph

>>Derivative: N-(2-Oxo-2-phenylethyl)

#### References:

- Aldrich Library of FT-IR Spectra*, 1st edn., 1985, **2**, 729A; 729B; 730B; 730D, (*ir*)
- Aldrich Library of 13C and 1H FT NMR Spectra*, 1992, **3**, 233A; 233B; 233C; 237A, (*nmr*)
- Aldrich Library of FT-IR Spectra: Vapor Phase*, 1989, **3**, 1513A, (*ir*)
- Welcher, F.J., *Organic Analytical Reagents*, Van Nostrand, New York, 1947, **3**, 1, (*use*)
- Reid, C. *et al.*, *J.A.C.S.*, 1954, **76**, 3869-3874, (*I<sub>2</sub> complex, spectra, bibl*)
- Barnes, R.A. *et al.*, *Chem. Heterocycl. Compd.*, (Part 1), 1960, **14**, (*rev, bibl*)
- Luckner, M., *Pharmazie*, 1964, **19**, 1, (*biosynth*)
- Cumper, C.W.N. *et al.*, *J.C.S.(B)*, 1968, 649, (*uv*)
- Dickinson, R. *et al.*, *J.C.S. Perkin 2*, 1972, 1363, (*ms*)
- Boodman, N.S. *et al.*, *Chem. Heterocycl. Compd.*, Suppl. 1, 1974, **14**, 183, (*synth*)
- Talukdar, A.N. *et al.*, *Acta Cryst. B*, 1976, **32**, 803, (*cryst struct*)
- Fieser and Fieser's Reagents for Organic Synthesis*, Wiley, 1977, **6**, 497; **15**, 276; **8**, 424
- Kirk-Othmer Encycl. Chem. Technol.*, 3rd edn., Wiley, 1978, **19**, 454, (*rev*)
- Schuster, I.I. *et al.*, *J.O.C.*, 1979, **44**, 2658-2662, (*I<sub>2</sub> complex, cmr*)
- Marczenko, Z., *Separation and Spectrophotometric Determination of Elements*, Horwood, Chichester, 1986, (*use*)
- Cook, I.B., *Aust. J. Chem.*, 1989, **42**, 1493, (*cmr*)
- Fenaroli's Handbook of Flavor Ingredients*, 3rd edn., (ed. Burdock, G.A.), CRC Press, 1995, **2**, 705
- Encyclopedia of Food and Color Additives*, (ed. Burdock, G.A.), CRC Press, 1997, 2387-2388
- Bretherick, L., *Handbook of Reactive Chemical Hazards*, 2nd edn., Butterworths, 1979, 525; 527
- Hazards in the Chemical Laboratory*, 3rd edn., (ed. Bretherick, L.), Royal Society of Chemistry, 1981, 465; 466
- Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, MOZ000; PPC100; POP250; POR750