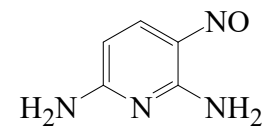




>>Entry Name: **2,6-Diamino-3-nitrosopyridine**

Synonym(s): 3-Nitroso-2,6-pyridinediamine, 9CI



CAS Registry Number: 89323-10-4

Molecular Formula: $C_5H_6N_4O$

Molecular Weight: 138.129

Accurate Mass: 138.054161

Percentage Composition: C 43.48%; H 4.38%; N 40.56%; O 11.58%

Use/Importance: Used in fluorometric assay of Latamoxef [DMF30-S](#)

Physical Description: Red needles (H_2O)

Melting Point: Mp 267° (dec.)

Aldrich: 44421-9

Rare Chemicals Library: S59680-9

Other: Oakwood: 2906

References:

Tchichibabin, A.E. *et al.*, *Zh. Russ. Fiz.-Khim. Ova., Chast Khim.*, 1920, **50**, 522; *CA*, **18**, 1496⁹, (*synth*)

Cox, J.M. *et al.*, *J.C.S.*, 1964, 1423, (*ir*, *uv*, *pmr*)

Matsuura, A. *et al.*, *Chem. Pharm. Bull.*, 1985, **33**, 667, (*use*)