



>> **Acetamidoxime**, 8Cl

N-Hydroxyethanimidamide, 9Cl

GSM59-N

[22059-22-9]

Classification: PM6860 PS8300 PA2400

$\text{H}_3\text{CC}(\text{NH}_2)=\text{NOH}$

$\text{C}_2\text{H}_6\text{N}_2\text{O}$ M 74.082. 74.048013. C 32.43%; H 8.16%; N 37.81%; O 21.60%

Used in photometric detn. of Ni. Cryst.. Sol. EtOH, H_2O , dioxan. Mp 140°. Hygroscopic.

♦ LD₅₀ (rat, scu) 600 mg/kg. AC6900000

>> *Hydrochloride*: GSM57-L [5426-04-0] Cryst.. Mp 140-142°

>> *O*-Formyl: GSM60-H $\text{C}_3\text{H}_6\text{N}_2\text{O}_2$ M 102.093. 102.042928. C 35.29%; H 5.92%; N 27.44%; O 31.34%. Cryst. (hexane). Mp 29°

>> *O*-Ac: GSM61-I $\text{C}_4\text{H}_8\text{N}_2\text{O}_2$ M 116.119. 116.058578. C 41.37%; H 6.94%; N 24.12%; O 27.56%. Cryst. (C_6H_6). Mp 96°

>> *O*-Benzyl: GSM62-J $\text{C}_9\text{H}_{12}\text{N}_2\text{O}$ M 164.207. 164.094963. C 65.83%; H 7.37%; N 17.06%; O 9.74%. Pale-yellow oil. Bp 200°

>> *O*-Benzyl; hydrochloride: GSM63-K Cryst.. Mp 163°

>> *N*-Ph: *N*-Hydroxy-*N'*-phenylethanimidamide, 9Cl. Acetanilidoxime. GSM64-L [5661-30-3] $\text{C}_8\text{H}_{10}\text{N}_2\text{O}$ M 150.18. 150.079313. C 63.98%; H 6.71%; N 18.65%; O 10.65%. Large brown-yellow plates. Mp 121°

Nordmann, E., *Ber.*, 1884, **17**, 2746, (*synth, deriv*)

Lenaers, R. *et al.*, *Helv. Chim. Acta*, 1962, **45**, 441, (*synth*)

Eloy, F. *et al.*, *Bull. Soc. Chim. Belg.*, 1964, **73**, 518, (*deriv*)

Masuda, N. *et al.*, *Bunseki Kagaku (Jpn. Anal.)*, 1973, **22**, 1196; *CA*, **80**, 78089g, (*detn, Ni*)

Bedford, C.D. *et al.*, *J. Med. Chem.*, 1986, **29**, 2174