



>>Entry Name: 2-Aminoethanol nitrate, 9CI, 8CI

Synonym(s): 2-Nitratoethylamine. Aminoethyl nitrate. Itramin. Nitrolamine

CAS Registry Number: 646-02-6

$\text{H}_2\text{NCH}_2\text{CH}_2\text{ONO}_2$

Molecular Formula: $\text{C}_2\text{H}_6\text{N}_2\text{O}_3$

Molecular Weight: 106.081

Accurate Mass: 106.037843

Percentage Composition: C 22.64%; H 5.70%; N 26.41%; O 45.25%

Use/Importance: Vasodilator used for treatment of heart disease

Physical Description: Syrup

Calculated Log P Data: Log P -0.1 (calc)

>>Derivative: 4-Methylbenzenesulfonate salt

Synonym(s): Itramin tosylate, BAN, INN, JAN. Nilatil. Tostram. Tostramin. Cardisan

CAS Registry Number: 13445-63-1

Melting Point: Mp 132-133°

References:

Swedish Pat., 1959, *Aktiebolaget Pharmacia*, 168 308; *CA*, **54**, 24405d, (deriv)

Fremont, R.E., *Curr. Ther. Res., Clin. Exp.*, 1967, **9**, 235, (pharmacol)

Martindale, *The Extra Pharmacopoeia*, 28th/29th edn., *Pharmaceutical Press*, 1982, 9247