

# Typical Product Specifications & Properties

## L-Noradrenaline

**CAS Number: : 51-41-2**

Specifications	Limits
Molecular weight	169.18
EINECS	205-750-4
SMILES	<chem>c1cc(c(cc1[C@H](CN)O)O)O</chem>
InChI	SFLSHLFXELFNJZ-QMMMGPBSA-N
InChIKey	1S/C8H11NO3/c9-4-8(12)5-1-2-6(10)7(11)3-5/h1-3,8,10-12H,4,9H2/t8-/m0/s1
Water solubility	Soluble in alkali and dilute hydrochloric acid. Sl
Color	off-white to tan
BRN Number	4231961
Melting Point	220-230&deg;C
Stability	Stable, but may be light-sensitive. Incompatible with acids, bases, oxidizing agents. Store at -20C.
Form	crystalline
Storage Temperature	2-8&deg;C

Specifications	Limits
Sensitive	Air & Light Sensitive
Merck	14,6695
Atmospheric OH Rate Constant	9.49E-11 cm <sup>3</sup> /molecule-sec
log P (octanol-water)	-1.24E+00
pKa Dissociation Constant	8.58
Water solubility	1.00E+06 mg/L
Henry's Law Constant	3.21E-19 atm-m <sup>3</sup> /mole
Vapor Pressure	8.19E-07 mm Hg
Melting Point	217 dec &deg; C
Water solubility	Soluble in alkali and dilute hydrochloric acid. Slightly soluble in water, ethanol and diethyl ether.