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## Typical Product Specifications & Properties

# Benzenesulfonamide, 3-nitro-N-phenyl-4-(phenylamino)-

CAS Number: : 5124-25-4

Specifications	Limits
Molecular weight	369.39
EINECS	225-862-7
SMILES	<chem>c1(c(cc(S(Nc2ccccc2)(=O)=O)cc1)[N+](=O)[O-])Nc1ccccc1</chem>
InChI	BBFRYSKTTHYWQZ-UHFFFAOYSA-N
InChIKey	1S/C18H15N3O4S/c22-21(23)18-13-16(26(24,25)20-15-9-5-2-6-10-15)11-12-17(18)19-14-7-3-1-4-8-14/h1-13,19-20H
Vapor Pressure	2.11E-11 mm Hg
Water solubility	0.199 mg/L
Henry's Law Constant	3.92E-12 atm-m <sup>3</sup> /mole
Melting Point	156 &deg; C
log P (octanol-water)	4.6
Atmospheric OH Rate Constant	1.93E-10 cm <sup>3</sup> /molecule-sec



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