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## Typical Product Specifications & Properties

# Benzoic acid, o-[[p-(dimethylamino)phenyl]azo]-

CAS Number: : 493-52-7

Specifications	Limits
Molecular weight	269.30
EINECS	207-776-1
SMILES	<chem>c1(c(ccc1)C(O)=O)\N=N\c1ccc(N(C)C)cc1</chem>
InChI	1S/C15H15N3O2/c1-18(2)12-9-7-11(8-10-12)16-17-14-6-4-3-5-13(14)15(19)20/h3-10H,1-2H3,(H,19,20)
InChIKey	CEQFOVLGLXCDCX-UHFFFAOYSA-N
pKa Dissociation Constant	2.63
Henry's Law Constant	4.71E-12 atm-m <sup>3</sup> /mole
Vapor Pressure	1.44E-07 mm Hg
Atmospheric OH Rate Constant	1.50E-10 cm <sup>3</sup> /molecule-sec
log P (octanol-water)	3.830
Melting Point	183 &deg; C
Water solubility	3.670 mg/L



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