Benzene, 1-azido-4-methoxy-

Other names:	Anisole, p-azido-
	p-Azidoanisole
	p-Methoxyphenyl azide
	1-Azido-4-methoxybenzene
	4-Methoxyphenyl azide
Inchi:	InChI=1S/C7H7N3O/c1-11-7-4-2-6(3-5-7)9-10-8/h2-5H,1H3
InchiKey:	PPKDSHDYUBDVKL-UHFFFAOYSA-N
Formula:	C7H7N3O
SMILES:	COc1ccc(N=[N+]=[N-])cc1
Mol. weight [g/mol]:	149.15
CAS:	2101-87-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.25		Crippen Method
logp	2.637		Crippen Method
mcvol	112.940	ml/mol	McGowan Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2101873&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume