

# Benzimidazole, 4-amino-5, 7-difluoro-

<b>Inchi:</b>	InChI=1S/C7H5F2N3/c8-3-1-4(9)6-7(5(3)10)12-2-11-6/h1-2H,10H2,(H,11,12)
<b>InchiKey:</b>	GNLVCEORRJUVOZ-UHFFFAOYSA-N
<b>Formula:</b>	C7H5F2N3
<b>SMILES:</b>	Nc1c(F)cc(F)c2[nH]cnc12
<b>Mol. weight [g/mol]:</b>	169.13
<b>CAS:</b>	2208-26-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.56		Crippen Method
logp	0.941		Crippen Method
mcvol	104.050	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C2208266&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C2208266&amp;Units=SI</a>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/49-423-8/Benzimidazole-4-amino-5-7-difluoro.pdf>

Generated by Cheméo on 2024-04-25 18:22:55.844065401 +0000 UTC m=+16358624.764642711.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.