Butanamide, N-(2-methoxyphenyl)-3-oxo-

Other names:	o-Acetoacetanisidide
	o-Methoxyacetoacetanilide
	Acetoacetic acid o-anisidide
	Acetoacetyl-O-anisidide
	Acetoacetyl-O-anisidine
	N-Acetoacetyl-O-anisidine
	1-Acetoacetylamino-2-methoxybenzene
	2-Acetoacetylaminoanisole
	2-Methoxyacetoacetanilide
	Acetoacetic acid 2-methoxyanilide
	Acetoacet-o-anisidide
	o-Anisidine, acetoactyl-
	Acetoacet-o-anisidin
	o-Anisidine, acetoacetyl-
	Acetoacetyl-o-aniside
	Acetoacetyl-o-anisine
	2'-Methoxyacetoacetanilide
	2-Methoxyanilid kyseliny acetoctove
	Acetoacet-2-anisidide
	NSC 7563
Inchi:	InChI=1S/C11H13NO3/c1-8(13)7-11(14)12-9-5-3-4-6-10(9)15-2/h3-6H,7H2,1-2H3,(H,12,
InchiKey:	KYYRTDXOHQYZPO-UHFFFAOYSA-N
Formula:	C11H13NO3
SMILES:	COc1ccccc1N=C(O)CC(C)=O
Mol. weight [g/mol]:	207.23
CAS:	92-15-9

Physical Properties

Property code	Value	Unit	Source
hf	-369.91	kJ/mol	Joback Method
hvap	72.25	kJ/mol	Joback Method
log10ws	-2.10		Crippen Method
logp	2.262		Crippen Method
mcvol	161.080	ml/mol	McGowan Method
pc	2712.67	kPa	Joback Method
tb	727.77	K	Joback Method
tc	940.78	K	Joback Method

Sources

Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C92159&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature