

3-(4-Formylphenoxy)propyltrimethoxysilane

Inchi: InChI=1S/C13H20O5Si/c1-15-19(16-2,17-3)10-4-9-18-13-7-5-12(11-14)6-8-13/h5-8,11H,
InchiKey: BKCYLOLTKVUVPA-UHFFFAOYSA-N
Formula: C13H20O5Si
SMILES: CO[Si](CCCOc1ccc(C=O)cc1)(OC)OC
Mol. weight [g/mol]: 284.38
CAS: 72136-46-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.40		Crippen Method
logp	2.146		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	450.00	K	0.30	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C72136460&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
tbrp: Boiling point at reduced pressure

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