

Beryllium, bis(1-phenyl-1,3-butanedionato-O,O')-, (T-4)-

Other names:

Beryllium, bis(1-phenyl-1,3-butanedionato)-

Beryllium bis(benzoylacetate)

Bis(benzoylacetato)beryllium

bis(benzoylacetato)beryllium(II)

Inchi:

InChI=1S/2C10H10O2.Be/c2*1-8(11)7-10(12)9-5-3-2-4-6-9;/h2-7,12H,1H3;2-7,11H,1H3;

InchiKey:

LLDWCKCAPMADMZ-UYZWWOKISA-L

Formula:

C20H18BeO4

SMILES:

CC(=O)C=C([O-])c1ccccc1.CC([O-])=CC(=O)c1ccccc1.[Be]

Mol. weight [g/mol]:

331.37

CAS:

14128-75-7

Physical Properties

Property code	Value	Unit	Source
hsub	158.00 ± 1.80	kJ/mol	NIST Webbook
hsub	142.30 ± 1.40	kJ/mol	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	151.60 ± 1.80	kJ/mol	427.00	NIST Webbook

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C14128757&Units=SI>

Legend

hsub: Enthalpy of sublimation at standard conditions

hsubt: Enthalpy of sublimation at a given temperature

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