

Iron, bis[«mu»-(benzenethiolato)]hexacarbonyldi-, (Fe-Fe)

Other names:	Di«mu»-benzenethiolato-hexacarbonyl diiron Bis(phenylthio)diiron hexacarbonyl
Inchi:	InChI=1S/2C6H5S.6CO.2Fe/c2*7-6-4-2-1-3-5-6;6*1-2;;/h2*1-5H;;;;;;;;;
InchiKey:	QBIHDTGGXHLJSB-UHFFFAOYSA-N
Formula:	C18H10Fe2O6S2
SMILES:	[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[Fe].[Fe].[S]c1ccccc1.[S]c1ccccc1
Mol. weight [g/mol]:	498.09
CAS:	15634-63-6

Physical Properties

Property code	Value	Unit	Source
ie	7.90 ± 0.01	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C15634636&Units=SI>

Legend

ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/51-049-1/Iron-bis-mu-benzenethiolato-hexacarbonyldi-Fe-Fe.pdf>

Generated by Cheméo on 2024-05-03 15:16:30.194676184 +0000 UTC m=+17038639.115253503.

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