

Iron, tetracarbonyl(triphenylphosphine)-

Inchi: InChI=1S/C18H15P.4CO.Fe/c1-4-10-16(11-5-1)19(17-12-6-2-7-13-17)18-14-8-3-9-15-18
InchiKey: GHXDZMLBRWBQAM-UHFFFAOYSA-N
Formula: C22H15FeO4P
SMILES: [C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[Fe].c1ccc(P(c2ccccc2)c2ccccc2)cc1
Mol. weight [g/mol]: 430.17
CAS: 14649-69-5

Physical Properties

Property code	Value	Unit	Source
ie	7.55	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C14649695&Units=SI>

Legend

ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/25-796-1/Iron-tetracarbonyl-triphenylphosphine.pdf>

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