

Cobalt, hexacarbonyl(ethyne)di-

Other names:	Cobalt, (acetylene)hexacarbonyldi- Acetylenehexacarbonyldicobalt
Inchi:	InChI=1S/C2H2.6CO.2Co/c7*1-2;;/h1-2H;;;;;;;;;
InchiKey:	FPAYSOJJRYLVSU-UHFFFAOYSA-N
Formula:	C8H2Co2O6
SMILES:	C#C.[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[Co].[Co]
Mol. weight [g/mol]:	311.96
CAS:	12553-66-1

Physical Properties

Property code	Value	Unit	Source
ie	7.96 ± 0.05	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12553661&Units=SI>

Legend

ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/13-272-5/Cobalt-hexacarbonyl-ethyne-di.pdf>

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