

Chromium,[(2,3,5,6-«eta»)-bicyclo[2.2.1]hepta-2,5-

Inchi:	InChI=1S/C7H8.4CO.Cr/c1-2-7-4-3-6(1)5-7;4*1-2;/h1-4,6-7H,5H2;;;;;
InchiKey:	AHJNXOJJUVDRBD-UHFFFAOYSA-N
Formula:	C11H8CrO4
SMILES:	C1=CC2C=CC1C2.[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[Cr]
Mol. weight [g/mol]:	256.17
CAS:	12146-36-0

Physical Properties

Property code	Value	Unit	Source
hf	-307.00 ± 10.00	kJ/mol	NIST Webbook
hfs	-396.00 ± 9.40	kJ/mol	NIST Webbook
hsub	89.00 ± 4.00	kJ/mol	NIST Webbook
hsub	89.00 ± 4.00	kJ/mol	NIST Webbook
ie	7.28	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12146360&Units=SI>

Legend

hf:	Enthalpy of formation at standard conditions
hfs:	Solid phase enthalpy of formation at standard conditions
hsub:	Enthalpy of sublimation at standard conditions
ie:	Ionization energy

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