

Chromium,(«eta»7-cycloheptatrienylum)(«eta»5-2

Other names:	Cr(«eta»-C7H7)(«eta»-C5H5)
Inchi:	InChI=1S/C7H7.C5H5.Cr/c1-2-4-6-7-5-3-1;1-2-4-5-3-1;/h1-7H;1-5H;
InchiKey:	KNKUGQPSSFEUGI-UHFFFAOYSA-N
Formula:	C12H12Cr
SMILES:	C12C3C4C5C1[Cr]234516789%10C2C1C6C7C8C9C2%10
Mol. weight [g/mol]:	208.22
CAS:	12093-81-1

Physical Properties

Property code	Value	Unit	Source
ie	5.40	eV	NIST Webbook
ie	6.00 ± 0.10	eV	NIST Webbook
ie	5.61	eV	NIST Webbook
ie	5.59 ± 0.05	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12093811&Units=SI>

Legend

ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/70-509-9/Chromium-eta-7-cycloheptatrienylum-eta-5-2-4-cyclopentadien-1-yl.pdf>

Generated by Cheméo on 2025-12-05 10:56:57.829077659 +0000 UTC m=+4680415.359118328.

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