

Potassium thiocyanate

Other names:	Thiocyanic acid, potassium salt Arterocyn Aterocyn Kyonate Potassium isothiocyanate Potassium rhodanate Potassium rhodanide Potassium sulfocyanate Potassium thiocyanide Rhocya Rodanca Rhodanide Thio-cara
Inchi:	InChI=1S/CHNS.K/c2-1-3;/h3H;/q;+1/p-1
InchiKey:	ZNNZYHKDIALBAK-UHFFFAOYSA-M
Formula:	CKNS
SMILES:	<chem>N#[S-].[K+]</chem>
Mol. weight [g/mol]:	97.18
CAS:	333-20-0

Physical Properties

Property code	Value	Unit	Source
ss	124.30	J/mol×K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	88.53	J/mol×K	298.15	NIST Webbook

Sources

Legend

cps: Solid phase heat capacity
ss: Solid phase molar entropy at standard conditions

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<https://www.cheméo.com/cid/73-665-3/Potassium-thiocyanate.pdf>

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