

Potassium tetraphenyl boron

Inchi:	InChI=1S/C24H20B.K/c1-5-13-21(14-6-1)25(22-15-7-2-8-16-22,23-17-9-3-10-18-23)24-1
InchiKey:	MAMCUZQNCMYPCY-UHFFFAOYSA-N
Formula:	C24H20BK
SMILES:	[K+].c1ccc([B-](c2ccccc2)(c2ccccc2)c2ccccc2)cc1
Mol. weight [g/mol]:	358.32
CAS:	3244-41-5

Physical Properties

Property code	Value	Unit	Source
ss	440.16	J/molxK	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	418.23	J/molxK	298.15	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C3244415&Units=SI>

Legend

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

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