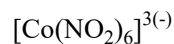




>>Entry Name: Hexakis(nitrito-*N*)cobaltate(III)(3-)

Synonym(s): Hexanitrocobaltate(III)(3-), 8Cl



Molecular Formula: $\text{CoN}_6\text{O}_{12}^{3(-)}$

Molecular Weight: 334.966

Accurate Mass: 334.890622

Percentage Composition: Co 17.59%; N 25.09%; O 57.32%

>>Derivative: Tri-Na salt

Synonym(s): Sodium cobaltinitrite

CAS Registry Number: 13600-98-1

Molecular Formula: $\text{CoN}_6\text{Na}_3\text{O}_{12}$

Molecular Weight: 403.936

Accurate Mass: 403.859923

Percentage Composition: Co 14.59%; N 20.81%; Na 17.07%; O 47.53%

Use/Importance: Commercially available. Used for detn. of K

Physical Description: Yellow or brownish-yellow cryst.

Solubility: V. sol. H_2O ; sl. sol. EtOH

Other Data: Solns. may be stabilised by addn. of HOAc

Aldrich: 46373-6

Fluka: 71610

Sigma: S6396

>>Derivative: Tri-Rb salt

CAS Registry Number: 14589-74-3

Physical Description: Lemon-yellow cryst.

>>Derivative: Tri-Cs salt

CAS Registry Number: 14553-17-4

Physical Description: Lemon-yellow cryst.

References:

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