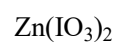




>>Entry Name: Zinc iodate

CAS Registry Number: 7790-37-6



Molecular Formula: $\text{I}_2\text{O}_6\text{Zn}$

Molecular Weight: 415.195

Accurate Mass: 413.707581

Percentage Composition: I 61.13%; O 23.12%; Zn 15.75%

Use/Importance: Topical antiseptic

Solubility: Sol. NH_3 , dil. HNO_3 , H_2O (approx. 0.87g per 100 cm^3)

Other Data: Dec. at 600°

>>Derivative: Dihydrate

CAS Registry Number: 13986-19-1

Molecular Formula: $\text{H}_4\text{I}_2\text{O}_8\text{Zn}$

Molecular Weight: 451.226

Accurate Mass: 449.728711

Percentage Composition: H 0.89%; I 56.25%; O 28.37%; Zn 14.49%

Source/Synthesis: Synth. from ZnSO_4 and NaIO_3 in H_2O

Physical Description: White cryst. or powder (H_2O)

Solubility: Sol. HNO_3 , NH_4OH ; spar. sol. H_2O

Other Data: Dehydrates at 200°

References:

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