



>>Entry Name: Chromium isopropoxide

Synonym(s): Triisopropyl chromate(*III*)

CAS Registry Number: 31087-39-5

$\text{Cr}[\text{OCH}(\text{CH}_3)_2]_3$

Molecular Formula: $\text{C}_9\text{H}_{21}\text{CrO}_3$

Molecular Weight: 229.259

Accurate Mass: 229.089579

Percentage Composition: C 47.15%; H 9.23%; Cr 22.68%; O 20.94%

Source/Synthesis: Synth. by photochem. reaction of $(\text{NH}_4)_2\text{CrO}_4 + \text{Pr}^i\text{OH}$

Physical Description: Grey-green powder

Other: Gelest AKC200

References:

v. Hornuff, G. *et al.*, *J. Prakt. Chem.*, 1964, **23**, 54-58, (*synth*)

Mahendra, K.N. *et al.*, *Synth. React. Inorg. Met.-Org. Chem.*, 1990, **20**, 963-973, (*synth*)