

Sodium montmorillonite

Chemical Properties

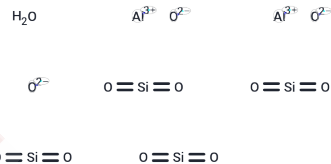
CAS No. : 1318-93-0

Formula: $\text{Al}_{1.33}\text{-1.67Mg}_{0.33\text{-}0.67}(\text{Ca}_{0\text{-}1}\text{Na}_{0\text{-}1})_{0.33}\text{Si}_4(\text{OH})_{2010}\cdot\text{xH}_2\text{O}$

Molecular Weight:

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Sodium montmorillonite (Bentolite) can catalyze reactions of the 5'-phosphorimidazolidine of adenosine used as a model generated RNA type oligomers.
Targets(IC50)	Others

Solubility Information

Solubility	Acetone: 0.5 mg/mL (1.77 mM), Sonication is recommended. DMSO: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Joshi PC, Aldersley MF. J Mol Evol. 2013 Jun;76(6):371-9

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