

Phosphorus, Sulfur and Silicon and the Related Elements 2011 vol.186 N4, pages 972-973

Synthesis of novel bis(Aminoalkenylphosphonates) as potential bioactive compounds

Cherkasov R., Khusainova N., Berdnikov E., Khusainov M., Rybakov S.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Mixing an excess of 3-methyl-1,2-butadienylphosphonate with 1,2-diaminoethane, 1,2-diaminopropane, or 4,7,10-trioxa-1,13-tridecandiamine leads to the formation of bis-(aminoalkenylphosphonates). Copyright © Taylor & Francis Group, LLC.

<http://dx.doi.org/10.1080/10426507.2010.506666>

Keywords

1,2-butadienylphosphonate, 1,2-diaminoethane, 1,2-diaminopropane,
Bis(aminoalkenylphosphonates), Trioxa-tridecandiamine