

α -Aminophosphonates: Effective carriers for the membrane transport of biorelevant species

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Abstract

The novel lipophilic α -aminophosphonates were synthesized by the Kabachnik-Fields reaction. These compounds exhibited remarkable selectivity as carriers for the membrane transport of the biorelevant species such as α -amino and α -hydroxy acids.

Keywords

α -Aminophosphonates, Host-guest complexes, Membrane transport