

Synthesis, structure and antiproliferative activity of chiral polyamines based on a 2-azanorbornane skeleton.

Autorzy

Karolina Kamińska
Elżbieta Wojaczyńska
Joanna Wietrzyk
Eliza Turlej
Agnieszka Błażejczyk
Robert Wieczorek

Rok wydania

2016

Czasopismo

Tetrahedron-Asymmetry

Numer woluminu

27

Strony

753-758

DOI

10.1016/j.tetasy.2016.06.009

Kolekcja

Naukowa

Język

Angielski

Typ publikacji

Artykuł

Streszczenie

A series of enantiopure 2-azanorbornane-based amines were prepared via a stereoselective aza-Diels–Alder reaction and further modifications of the obtained cycloadduct. In particular, derivatives containing two bicyclic moieties linked by N—C—C—N fragments were synthesized. Two dimeric derivatives exhibited a significant antiproliferative activity against selected cell lines, comparable to cisplatin in certain cases.

Adres publiczny

<http://dx.doi.org/10.1016/j.tetasy.2016.06.009>

Strona internetowa wydawcy

<http://www.elsevier.com>