

Isobenzofuran analog of sclerophytin A (5a.ii) small molecule

Catalogue number: 158001

Sub-type:

Images:

Contributor

Inventor: Matt McIntosh

Institute: University of Arkansas, Fayetteville

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Isobenzofuran analog of sclerophytin A (5a.ii) small molecule

Alternate name:

Class:

Conjugate:

Description: Naturally occurring products 2, 11 cyclized cembranoids have been shown to inhibit the growth of KB3 nasopharyngeal carcinoma. The standard cancer cell line used to test for chemotherapy effectiveness. The bicyclic hydroisobenzofuran is the beneficial compounds that are naturally occurring in 2, 11 cyclized cembranoids. This compound has shown inhibition of growth of KB3 cancer test cells and could be used in cancer and antibiotics research.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50: 50 Î?M

Applications

Application:

Application notes:

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry Ice

Related tools

Related tools:

References

References: Bateman et al. 2009. Bioorg Med Chem Lett. 19(24):6898-901. PMID: 19896844.

CancerTools.org