

Thiocoraline

Cat. No.:	HY-P3116
CAS No.:	173046-02-1
Molecular Formula:	C ₄₈ H ₅₆ N ₁₀ O ₁₂ S ₆
Molecular Weight:	1157.41
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Thiocoraline is a depsipeptide that can be isolated by marine Micromonospora. Thiocoraline has antitumor activity with IC₅₀ s of 0.002, 0.002, 0.01 and 0.002 µg/mL in P388, A549, HT-29 and MEL-28 cells, respectively. Thiocoraline also a strong antimicrobial activity against Gram-positive microorganisms^[1].

REFERENCES

[1]. Romero F, et al. Thiocoraline, a new depsipeptide with antitumor activity produced by a marine Micromonospora. I. Taxonomy, fermentation, isolation, and biological activities. J Antibiot (Tokyo). 1997 Sep;50(9):734-7.

Caution: Product has not been fully validated for medical applications. For research use only.

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