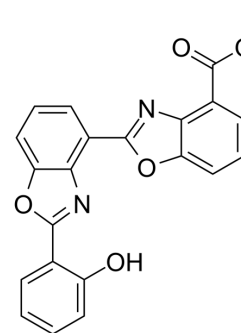


UK-1

Cat. No.:	HY-129558
CAS No.:	151271-53-3
Molecular Formula:	C ₂₂ H ₁₄ N ₂ O ₅
Molecular Weight:	386.36
Target:	HCV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

UK-1 is a cytotoxic metabolite from *Streptomyces* sp. 517-02 and exerts a wide spectrum of potent anticancer activities^[1]. UK-1 also inhibits HCV replication^[2].

REFERENCES

[1]. Ueki M, et al. UK-1, a novel cytotoxic metabolite from *Streptomyces* sp. 517-02. I. Taxonomy, fermentation, isolation, physico-chemical and biological properties. *J Antibiot (Tokyo)*. 1993 Jul;46(7):1089-94.

[2]. Ward DN, et al. UK-1 and structural analogs are potent inhibitors of hepatitis C virus replication. *Bioorg Med Chem Lett*. 2014 Jan 15;24(2):609-12.

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

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