SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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2'-Deoxy-5'-O-DMT-2'-fluorouridine

Cat. No.: HY-W008662

CAS No.: 146954-74-7

Molecular Formula: $C_{30}H_{29}FN_2O_7$

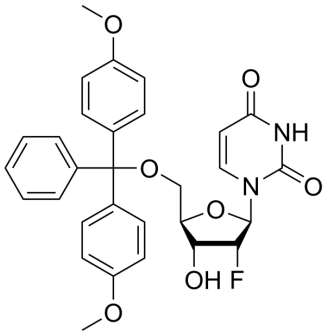
Molecular Weight: 548.56

Target: Filovirus

Pathway: Anti-infection

Storage: 4°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (182.30 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.8230 mL	9.1148 mL	18.2295 mL
	5 mM	0.3646 mL	1.8230 mL	3.6459 mL
	10 mM	0.1823 mL	0.9115 mL	1.8230 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

2'-Deoxy-5'-O-DMT-2'-fluorouridine, a nucleoside analogue, is a 5'-O-DMTr-5-FUDR derivative with potent anti-yellow fever (YFV) activity[1].

In Vitro

2'-Deoxy-5'-O-DMT-2'-fluorouridine (compound 15h) has 100% inhibition against YFV at 20 mM. 2'-Deoxy-5'-O-DMT-2'-fluorouridine proves to be noncytotoxic at concen-trations up to 20 mM[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Christopher McGuigan, et al. Anti-flavivirus Activity of Different Tritylated Pyrimidine and Purine Nucleoside Analogues. ChemistryOpen. 2016 Jan 21;5(3):227-35.

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

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