



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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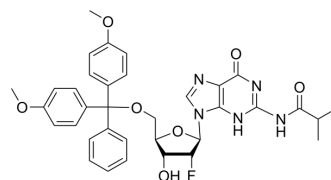
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DMT-2'-F-iBu-G

Cat. No.:	HY-W115309		
CAS No.:	144089-96-3		
Molecular Formula:	C ₃₅ H ₃₆ FN ₅ O ₇		
Molecular Weight:	657.69		
Target:	Nucleoside Antimetabolite/Analog		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (152.05 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.5205 mL	7.6024 mL	15.2047 mL	
5 mM	0.3041 mL	1.5205 mL	3.0409 mL	
10 mM	0.1520 mL	0.7602 mL	1.5205 mL	

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

BIOLOGICAL ACTIVITY

Description

DMT-2'-F-iBu-G (5'-DMT-2'-F-ibu-dG) is a modified oligonucleotide. 2'-deoxy-2'-fluoro-modified oligonucleotides shows high nuclease resistant and retained exceptional binding affinity to the RNA targets^[1].

REFERENCES

[1]. Kawasaki AM, et al. Uniformly modified 2'-deoxy-2'-fluoro phosphorothioate oligonucleotides as nuclease-resistant antisense compounds with high affinity and specificity for RNA targets. J Med Chem. 1993 Apr 2;36(7):831-41.

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

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