



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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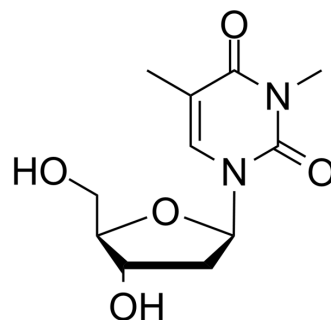
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3-Methylthymidine

Cat. No.:	HY-W588293
CAS No.:	958-74-7
Molecular Formula:	C ₁₁ H ₁₆ N ₂ O ₅
Molecular Weight:	256.26
Target:	Fat Mass and Obesity-associated Protein (FTO)
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (975.57 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.9023 mL	19.5114 mL	39.0229 mL
	5 mM	0.7805 mL	3.9023 mL	7.8046 mL
	10 mM	0.3902 mL	1.9511 mL	3.9023 mL

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

BIOLOGICAL ACTIVITY

Description

3-Methylthymidine can be used to detect fat mass and obesity-associated protein (FTO) activity^[1].

REFERENCES

[1]. Meyre D, et al. Prevalence of loss-of-function FTO mutations in lean and obese individuals. *Diabetes*. 2010 Jan;59(1):311-8.

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

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