

Eteplirsen

Cat. No.:	HY-108753
CAS No.:	1173755-55-9
Molecular Weight:	10306
Target:	Others
Pathway:	Others
Storage:	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

Eteplirsen

SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (4.85 mM; Need ultrasonic)						
		Solvent Concentration	Mass				
	Preparing Stock Solutions	1 mM	0.0970 mL	5 mg	0.4852 mL	10 mg	0.9703 mL
		5 mM	---	---	---	---	---
		10 mM	---	---	---	---	---
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: PBS Solubility: 33.33 mg/mL (3.23 mM); Clear solution; Need ultrasonic						

BIOLOGICAL ACTIVITY

Description	Eteplirsen (AVI 4658) is a synthetic antisense oligonucleotide. Eteplirsen can be used for Duchenne muscular dystrophy research ^[1] .
In Vitro	Eteplirsen acts to promote dystrophin production by restoring the translational reading frame of Duchenne muscular dystrophy (DMD) through specific skipping of exon 51 in defective gene variants ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kenji Rowel Q Lim, et al. Eteplirsen in the treatment of Duchenne muscular dystrophy. Drug Des Devel Ther. 2017 Feb 28;11:533-545.

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

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