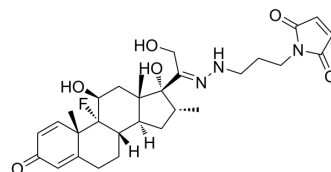


## Mc-Dexamethasone

<b>Cat. No.:</b>	HY-136290
<b>CAS No.:</b>	1618096-56-2
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>38</sub> FN <sub>3</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	543.63
<b>Target:</b>	Drug-Linker Conjugates for ADC
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 8.33 mg/mL (15.32 mM); ultrasonic and warming and heat to 60°C

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8395 mL	9.1974 mL	18.3949 mL
	5 mM	0.3679 mL	1.8395 mL	3.6790 mL
	10 mM	0.1839 mL	0.9197 mL	1.8395 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Mc-Dexamethasone is a agent-linker conjugate for ADC. Mc-Dexamethasone is made toxin Dexamethasone (HY-14648) conjugated to the non-cleavable MC linker. Dexamethasone is a glucocorticoid receptor agonist.

#### IC<sub>50</sub> & Target

Maytansinoids

### REFERENCES

[1]. LaLone CA, et al. Effects of a glucocorticoid receptor agonist, Dexamethasone, on fathead minnow reproduction, growth, and development. Environ Toxicol Chem. 2012 Mar;31(3):611-22.

---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA