

## Dexamethasone-D3-1

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Dexamethasone-D3-1 is a deuterium-labeled form of Dexamethasone. Dexamethasone (T1076) (Hexadecadrol) acts as an agonist of the glucocorticoid receptor and effectively reduces the expression of CD11b, CD18, and CD62L on neutrophils, as well as CD11b and CD18 on monocytes. It holds potential for research on COVID-19. In LPS-induced macrophage inflammatory responses, Dexamethasone (T1076) inhibits the production of exosomes containing inflammatory miRNA-155.
Targets(IC50)	Glucocorticoid Receptor, Mitophagy, Antibacterial, Antibiotic, Autophagy, ADC Cytotoxin, Complement System, SARS-CoV

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