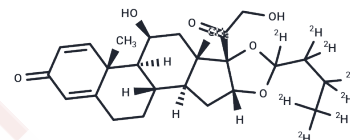


## Budesonide-D8

### Chemical Properties

CAS No. : 1105542-94-6  
 Formula: C<sub>25</sub>H<sub>26</sub>D<sub>8</sub>O<sub>6</sub>  
 Molecular Weight: 438.58  
 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	Budesonide-D8 is a deuterated compound of Budesonide. Budesonide (T0094) has a CAS number of 51333-22-3. Budesonide, an anti-inflammatory corticosteroid, has shown the effective glucocorticoid activitie and few mineralocorticoid activities. According to reports, Budesonide (T0094) has extensively inhibitory effects against multiple cells types and mediators referred to allergic and nonallergic-mediated inflammatory. What's more, the anti-inflammatory action of budesonide has been revealed to contribute to the effectiveness of asthma.
Targets(IC50)	Glucocorticoid Receptor

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2801 mL	11.4004 mL	22.8009 mL
5 mM	0.456 mL	2.2801 mL	4.5602 mL
10 mM	0.228 mL	1.140 mL	2.2801 mL
50 mM	0.0456 mL	0.228 mL	0.456 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

1. Stellato C, et al. J Immunol,1999, 163(10), 5624-5632.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481