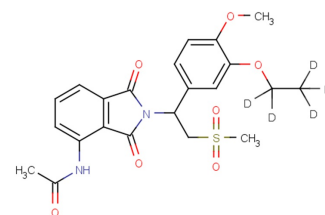


(Rac)-Apremilast D5

**Chemical Properties**

CAS No.: 1258597-61-3  
Formula: C<sub>22</sub>H<sub>19</sub>D<sub>5</sub>N<sub>2</sub>O<sub>7</sub>S  
Molecular Weight: 465.53  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	(Rac)-Apremilast D5 is a deuterium labeled (R)-Apremilast. (R)-Apremilast ((R)-CC-10004) is a enantiomer of Apremilast.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.148 mL	10.74 mL	21.481 mL
5 mM	0.43 mL	2.148 mL	4.296 mL
10 mM	0.215 mL	1.074 mL	2.148 mL
50 mM	0.043 mL	0.215 mL	0.43 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Synthesis of Substituted  $\beta$ -Functionalised Styrenes by Microwave-Assisted Olefin

Inhibitors · Natural Compounds · Compound Libraries

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