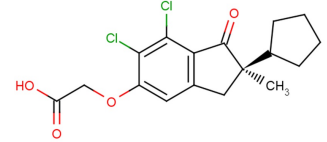


## Data Sheet (Cat.No.T12788)

R(+)-IAA-94

### Chemical Properties

CAS No.: 54197-31-8  
 Formula: C<sub>17</sub>H<sub>18</sub>Cl<sub>2</sub>O<sub>4</sub>  
 Molecular Weight: 357.23  
 Appearance: N/A  
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	R(+)-IAA-94 is a potent indanyloxyacetic acid epithelial chloride channels blocker.
Targets(IC <sub>50</sub> )	Others: None

### Solubility Information

Solubility	DMSO: 100 mg/mL (279.93 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.799 mL	13.997 mL	27.993 mL
5 mM	0.56 mL	2.799 mL	5.599 mL
10 mM	0.28 mL	1.4 mL	2.799 mL
50 mM	0.056 mL	0.28 mL	0.56 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

- Landry DW, et al. Epithelial chloride channel. Development of inhibitory ligands. *J Gen Physiol.* 1987 Dec;90(6):779-98.
- Landry DW, et al. Purification and reconstitution of chloride channels from kidney and trachea. *Science.* 1989 Jun 23;244(4911):1469-72.
- Weber-Schurholz S, et al. Indanyloxyacetic acid-sensitive chloride channels from outer membranes of skeletal muscle. *J Biol Chem.* 1993 Jan 5;268(1):547-51.

Inhibitors · Natural Compounds · Compound Libraries

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