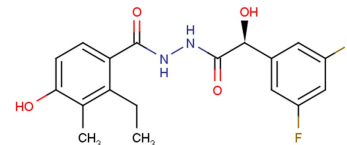


EMD638683 S-Form

## Chemical Properties

CAS No.:	1184940-46-2
Formula:	C <sub>18</sub> H <sub>18</sub> F <sub>2</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	364.34
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	EMD638683 is a highly selective SGK1 inhibitor with IC <sub>50</sub> of 3 μM. EMD638683 S-Form is the S-form of EMD638683.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	DMSO: 100 mg/mL (274.47 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.745 mL	13.723 mL	27.447 mL
5 mM	0.549 mL	2.745 mL	5.489 mL
10 mM	0.274 mL	1.372 mL	2.745 mL
50 mM	0.055 mL	0.274 mL	0.549 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

- Ackermann TF, et al. EMD638683, a novel SGK inhibitor with antihypertensive potency. Cell Physiol Biochem. 2011;28(1):137-46.
- Sgk1 inhibitors for the prophylaxis and/or therapy of viral diseases and/or carcinomas US 20110060050 A1

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