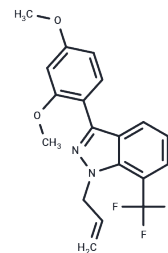


SGA360

Chemical Properties

CAS No. :	680611-86-3
Formula:	C ₁₉ H ₁₇ F ₃ N ₂ O ₂
Molecular Weight:	362.35
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	SGA360 is a selective aryl hydrocarbon (Ah) receptor modulator. It exhibits anti-inflammatory properties.
Targets(IC50)	Others,Aryl Hydrocarbon Receptor

Solubility Information

Solubility	DMSO: 11 mg/mL (30.36 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5.52 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7598 mL	13.7988 mL	27.5976 mL
5 mM	0.552 mL	2.7598 mL	5.5195 mL
10 mM	0.276 mL	1.3799 mL	2.7598 mL
50 mM	0.0552 mL	0.276 mL	0.552 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

Muku G E , Lahoti T S , Murray I A , et al. Ligand-mediated cytoplasmic retention of the Ah receptor inhibits macrophage-mediated acute inflammatory responses[J]. Laboratory Investigation, 2017.

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