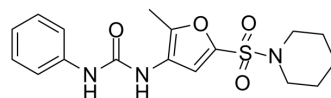


## GSK264220A

Cat. No.:	HY-103372		
CAS No.:	685506-42-7		
Molecular Formula:	C <sub>17</sub> H <sub>21</sub> N <sub>3</sub> O <sub>4</sub> S		
Molecular Weight:	363.43		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (275.16 mM)  
 \* "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.7516 mL	13.7578 mL	27.5156 mL
	5 mM	0.5503 mL	2.7516 mL	5.5031 mL
	10 mM	0.2752 mL	1.3758 mL	2.7516 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
 Solubility: ≥ 2.5 mg/mL (6.88 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
 Solubility: ≥ 2.5 mg/mL (6.88 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
 Solubility: ≥ 2.5 mg/mL (6.88 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

GSK264220A is a potent endothelial lipase inhibitor with IC<sub>50</sub> of 16 nM. GSK264220A has the potential to decrease the risk of cardiovascular disease<sup>[1]</sup>.

### REFERENCES

**Caution: Product has not been fully validated for medical applications. For research use only.**

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