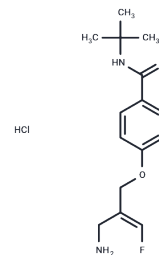


PXS-4728A

## Chemical Properties

CAS No. : 1478364-68-9  
 Formula: C<sub>15</sub>H<sub>22</sub>ClFN<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 316.8  
 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	BI-1467335 HCl(BI 1467335) is a selective, orally active inhibitor of semicarbazide-sensitive amine oxidase (SSAO) that helps improve chronic obstructive pulmonary disease in mice[2].
Targets(IC50)	Monoamine Oxidase

## Solubility Information

Solubility	H <sub>2</sub> O: 100 mg/mL (315.66 mM),Sonication is recommended. DMSO: 220 mg/mL (694.44 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: 5 mg/mL (15.78 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	3.1566 mL	15.7828 mL	31.5657 mL
5 mM	0.6313 mL	3.1566 mL	6.3131 mL
10 mM	0.3157 mL	1.5783 mL	3.1566 mL
50 mM	0.0631 mL	0.3157 mL	0.6313 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

Schilter HC, Collison A, Russo RC, Foot JS, Yow TT, Vieira AT, Tavares LD, Mattes J, Teixeira MM, Jarolimek W. Effects of an anti-inflammatory VAP-1/SSAO inhibitor, PXS-4728A, on pulmonary neutrophil migration. *Respir Res.* 2015 Mar 20;16:42.

Jarnicki AG, Schilter H, Liu G, Wheeldon K, Essilfie AT, Foot JS, Yow TT, Jarolimek W, Hansbro PM. The inhibitor of semicarbazide-sensitive amine oxidase, PXS-4728A, ameliorates key features of chronic obstructive pulmonary disease in a mouse model. *Br J Pharmacol.* 2016 Nov;173(22):3161-3175.

Katagiri D, Hamasaki Y, Doi K, Negishi K, Sugaya T, Nangaku M, Noiri E. Interstitial renal fibrosis due to multiple cisplatin treatments is ameliorated by semicarbazide-sensitive amine oxidase inhibition. *Kidney Int.* 2016 Feb;89(2):374-85.

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