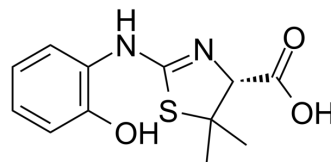


## Ebaresdax

<b>Cat. No.:</b>	HY-139569
<b>CAS No.:</b>	1334471-39-4
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub> S
<b>Molecular Weight:</b>	266.32
<b>Target:</b>	Endogenous Metabolite
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 50 mg/mL (187.74 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	3.7549 mL	18.7744 mL	37.5488 mL
		5 mM	0.7510 mL	3.7549 mL	7.5098 mL
		10 mM	0.3755 mL	1.8774 mL	3.7549 mL
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 2.5 mg/mL (9.39 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.39 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.5 mg/mL (9.39 mM); Clear solution</li> </ol>				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Ebaresdax can inhibit peroxynitrite oxidation derived by SIN-1 and peroxynitrite mediated Cytotoxicity with IC <sub>50</sub> s of 3.7±0.80 and 0.13±0.02 uM, respectively <sup>[1]</sup> .
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### REFERENCES

[1]. Mannion, James C.; Dax, Scott L. Analgesic compounds, compositions, and uses thereof. WO2011112602A1

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

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