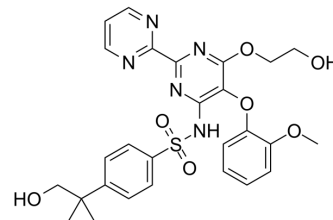


## Hydroxy bosentan

<b>Cat. No.:</b>	HY-121385		
<b>CAS No.:</b>	253688-60-7		
<b>Molecular Formula:</b>	C <sub>27</sub> H <sub>29</sub> N <sub>5</sub> O <sub>7</sub> S		
<b>Molecular Weight:</b>	567.61		
<b>Target:</b>	Endogenous Metabolite		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	Hydroxy bosentan (Ro 48-5033) is a primary metabolite of Bosentan (BOS) metabolized by the cytochrome P450 system in the liver. Ro 48-5033 assists BOS pharmacologically, retaining 10%-20% activities <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	Human Endogenous Metabolite

### REFERENCES

[1]. Chen M, et al. Comparison of the inhibitory effect of ketoconazole, voriconazole, fluconazole, and itraconazole on the pharmacokinetics of bosentan and its corresponding active metabolite hydroxy bosentan in rats. *Xenobiotica*. 2019 Jul 3:1-8.

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

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