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PII: S0014-2999(18)30288-7
DOI: <https://doi.org/10.1016/j.ejphar.2018.05.025>
Reference: EJP71807

To appear in: *European Journal of Pharmacology*

Received date: 23 February 2018
Revised date: 17 May 2018
Accepted date: 17 May 2018

Cite this article as: Yaguang Zhou, Xin Tian, Xueying Wang, Yuanbo Wang, Rong Fan, Yuemin Wang, Na Feng, Shumiao Zhang, Haitao Guo, Xiaoming Gu, Min Jia, Wen Yin, Zuoxu Hou, Juan Li and Jianming Pei, Quaternary ammonium salt of U50,488H elicits protective effects against hypoxic pulmonary hypertension, *European Journal of Pharmacology*, <https://doi.org/10.1016/j.ejphar.2018.05.025>

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ABSTRACT

The present study aimed to investigate the role of quaternary ammonium salt of U50,488H (Q-U50,488H) in hypoxic pulmonary hypertension (HPH) and underlying mechanisms involved. A HPH animal model was established in rats under hypoxia and the mean pulmonary arterial pressure (mPAP) and right ventricular pressure (RVP) were measured. Relaxation of the pulmonary artery in response to Q-U50,488H was determined. In addition, expression and activity of endothelial nitric oxide (NO) synthase (eNOS) and

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