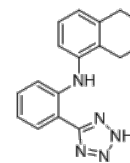


**Product Name** : BL-1249  
**Cat. No.** : PC-60338  
**CAS No.** : 18200-13-0  
**Molecular Formula** : C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>  
**Molecular Weight** : 291.35  
**Target** : Potassium Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

BL-1249 (BL1249) is a potent K2P2.1 (**TREK-1**) channel activator, enhance the activity of TREK1 currents and produces relaxation of 30 mM KCl-induced contractions in rat bladder strips with EC<sub>50</sub> of 1.12 μM.

BL-1249 decreases the number of isovolumic contractions, without significantly affecting blood pressure, in anesthetized rat models.

BL-1249 exhibits bladder versus vascular selectivity both in vitro and in vivo.

## References

Tertyshnikova S, et al. *J Pharmacol Exp Ther*. 2005 Apr;313(1):250-9.

Veale EL, et al. *Mol Pharmacol*. 2014 May;85(5):671-81.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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