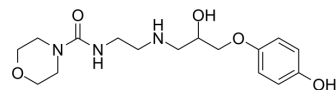


## Xamoterol

Cat. No.:	HY-101327
CAS No.:	81801-12-9
Molecular Formula:	C <sub>16</sub> H <sub>25</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	339.39
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Xamoterol is a selective and potent agonist of beta1-adrenergic receptor. Xamoterol has the potential for the research of arrhythmogenesis. Xamoterol has the potential for the investigating the relationship between  $\beta$ 1-adrenergic stimulation and IKr<sup>[1]</sup>.

### REFERENCES

[1]. Wang S, et al.  $\beta$ 1-adrenergic regulation of rapid component of delayed rectifier K<sup>+</sup> currents in guinea-pig cardiac myocytes. Mol Med Rep. 2014;9(5):1923-1928.

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

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