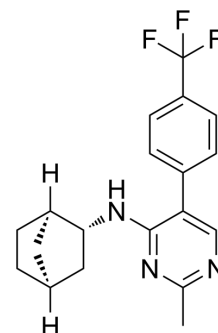


## BHF177

Cat. No.:	HY-11058
CAS No.:	917896-43-6
Molecular Formula:	C <sub>19</sub> H <sub>20</sub> F <sub>3</sub> N <sub>3</sub>
Molecular Weight:	347.38
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

BHF177 is a positive modulator of GABA<sub>B</sub> receptors that can block the interaction between nicotine and the brain's dopamine system, thereby reducing the addictive properties of nicotine. BHF177 is expected to be used in research related to smoking cessation<sup>[1]</sup>.

## REFERENCES

[1]. Paterson NE, et al. Positive modulation of GABA(B) receptors decreased nicotine self-administration and counteracted nicotine-induced enhancement of brain reward function in rats. *J Pharmacol Exp Ther.* 2008 Jul;326(1):306-14.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA