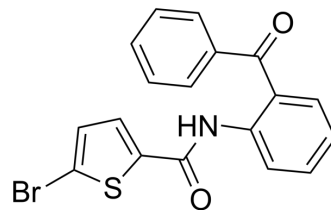


BBT

Cat. No.:	HY-Q40876
CAS No.:	445000-45-3
Molecular Formula:	C ₁₈ H ₁₂ BrNO ₂ S
Molecular Weight:	386.26
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BBT is an enhancer of impaired glucose-stimulated insulin secretion (GSIS). BBT exhibits anti-hyperglycemia activity, and protects β -cells from cytokine- or streptozotocin (STZ)-induced cell death in type 2 diabetes models. BBT acts function via cAMP/PKA and long-lasting (L-type) voltage-dependent Ca ²⁺ channel/CaMK2 pathway ^[1] .
IC ₅₀ & Target	L-type voltage-dependent Ca ²⁺ channel/CaMK2 ^[1]

REFERENCES

[1]. Yao XG, et al. BBT improves glucose homeostasis by ameliorating β -cell dysfunction in type 2 diabetic mice. J Endocrinol. 2015 Mar;224(3):327-41.

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

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