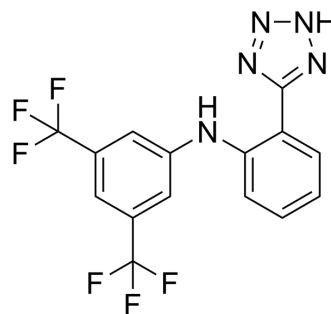


TAS2R14 agonist-1

Cat. No.:	HY-153264
CAS No.:	2439115-08-7
Molecular Formula:	C ₁₅ H ₉ F ₆ N ₅
Molecular Weight:	373.26
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TAS2R14 agonist is a potent TAS2R14 partial agonist with an EC ₅₀ of 116.6 ±23.6 nM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 116.6 nM (TAS2R14) ^[1]
In Vitro	In IP ₁ and cAMP assays, TAS2R14 agonist induce TAS2R14 activation with EC ₅₀ values of 100 nM and 180 nM about IP ₁ and cAMP accumulation, respectively. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Antonella Di Pizio, et al. Rational design of agonists for bitter taste receptor TAS2R14: from modeling to bench and back. Cell Mol Life Sci. 2020 Feb;77(3):531-542.

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

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