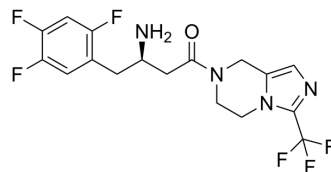


Sheng Gelieting

Cat. No.:	HY-148190
CAS No.:	1152810-23-5
Molecular Formula:	C ₁₇ H ₁₆ F ₆ N ₄ O
Molecular Weight:	406.33
Target:	Dipeptidyl Peptidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Sheng Gelieting (CGT-8012) is a dipeptidyl peptidase-IV enzyme (DP-IV) inhibitor. Sheng Gelieting has great DP-IV inhibition activity with an IC ₅₀ value of 87 nM. Sheng Gelieting can be used for curing or preventing diseases relevant to the dipeptidyl peptidase-IV enzyme, such as the diabetes, particularly the II-type diabete ^[1] .
IC₅₀ & Target	IC ₅₀ : 87 nM (DP-IV) ^[1]
In Vitro	Sheng Gelieting has great dipeptidyl peptidase-IV enzyme (DP-IV) inhibition activity with an IC ₅₀ value of 87 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Qiang Yu, et al. Beta-amino tetrahydropyrazine, tetrahydropyrimidine and tetrahydropyridine used as dipeptidyl peptidase inhibitors for curing or preventing diabetes. Patent. CN101899047A.

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