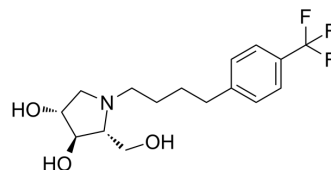


N-4'-(p-Trifluoromethylphenyl)butyl-DAB

Cat. No.:	HY-154995
CAS No.:	3033570-20-3
Molecular Formula:	C ₁₆ H ₂₂ F ₃ NO ₃
Molecular Weight:	333.35
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	N-4'-(p-Trifluoromethylphenyl)butyl-DAB (compound 5g) is an agonist of lysosomal acid α -glucosidase (GAA). N-4'-(p-Trifluoromethylphenyl)butyl-DAB increases intracellular GAA activities dose-dependently, in Pompe patient's fibroblasts with the M519V mutation ^[1] .
IC ₅₀ & Target	α -glucosidase (GAA) ^[1]

REFERENCES

[1]. Kato A, et al. Design and Pharmacological Chaperone Effects of N-(4'-Phenylbutyl)-DAB Derivatives Targeting the Lipophilic Pocket of Lysosomal Acid α -Glucosidase. *J Med Chem*. 2023 Jul 13;66(13):9023-9039.

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