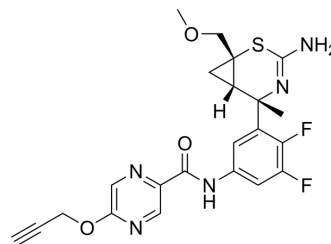


AM-6494

| | |
|--------------------|---|
| Cat. No.: | HY-128774 |
| CAS No.: | 1874232-80-0 |
| Molecular Formula: | C ₂₂ H ₂₁ F ₂ N ₅ O ₃ S |
| Molecular Weight: | 473.5 |
| Target: | Beta-secretase |
| Pathway: | Neuronal Signaling |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | AM-6494 is a potent and orally active BACE1 (efficacious β-site amyloid precursor protein cleaving enzyme 1) inhibitor (IC ₅₀ =0.4 nM) with in vivo selectivity over BACE2 (IC ₅₀ =18.6 nM) ^[1] . AM-6494 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups. |
| IC ₅₀ & Target | BACE1 |

REFERENCES

[1]. Pettus LH, Discovery of AM-6494: A Potent and Orally Efficacious β-Site Amyloid Precursor Protein Cleaving Enzyme 1 (BACE1) Inhibitor with in Vivo Selectivity over BACE2. J Med Chem. 2019 Oct 18.

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

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