

Product Name	: Aloeresin D
Synonyms	: —
Cat No.	: M21475
CAS Number	: 105317-67-7
Molecular Formula	: C ₂₉ H ₃₂ O ₁₁
Formula Weight	: 556.6
Chemical Name	: —
Description	: Aloeresin D a natural chromone glycoside inhibits β-Secretase (BACE1) activity (IC ₅₀ : 39 μM).
Pathway	: Metabolic Enzyme/Protease
Target	: BACE
Receptor	: BACE1
Solubility	: —
SMILES	: <chem>C[C@H](CC(OC1C2C(C)CC(OC)C1[C@@H]([C@@H]([C@H]1O)OC/C=C/c(cc3ccc3O)=O)O[C@H](CO)[C@H]1O)=CC2=O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Lv L et al. BACE1 (beta-secretase) inhibitory chromone glycosides from Aloe vera and Aloe nobilis. Planta Med. 2008 Apr;74(5):540-5.