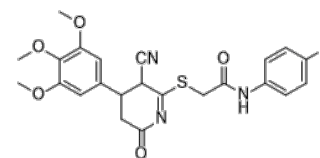


Product Name : Compound 1105486
Cat. No. : PC-25464
CAS No. : 683794-45-8
Molecular Formula : C₂₃H₂₂FN₃O₅S
Molecular Weight : 471.50
Target : Glycosyltransferase
Solubility : 10 mM in DMSO



CAS: 683794-45-8

Biological Activity

Compound 1105486 is a selective small molecule inhibitor of β -1,4-galactosyltransferase 1 (**B4GALT1**), suppresses PANC-1 cell proliferation with an IC₅₀ of 19.8 μ M, exhibiting no significant cytotoxicity toward hTERT-HPNE normal pancreatic ductal epithelial cells up to 80 μ M.

References

Yunyun X, et al. *Front Chem.* 2025 Aug 11;13:1651402.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com