

Product Name	: GPX4-IN-6
Synonyms	: —
Cat No.	: M37107
CAS Number	: 2922824-07-3
Molecular Formula	: C ₁₈ H ₁₇ BrFNO ₅
Formula Weight	: 426.23
Chemical Name	: —
Description	: GPX4-IN-6 (Compound C25) is a GPX4 covalent inhibitor with an IC ₅₀ value of 0.13 μM. GPX4-IN-6 (Compound C25) can induce ferroptosis for the research of triple-negative breast cancer (TNBC) .
Pathway	: Others
Target	: Other Targets
Receptor	: GPX
Solubility	: In Vitro: ?DMSO : 50 mg/mL (117.31 mM; Ultrasonic)
SMILES	: <chem>O=C(N(C1=CC=C2OCCOC2=C1)C3=CC(OC)=C(F)C(OC)=C3)CBr</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Chen T, et al. Discovery of Novel Potent Covalent Glutathione Peroxidase 4 Inhibitors as Highly Selective Ferroptosis Inducers for the Treatment of Triple-Negative Breast Cancer. J Med Chem. 2023 Jul 27;66(14):10036-10059.