

anti-TNBC agent-9

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Anti-TNBC agent-9 (Compound 3as) is an anticancer agent used for treating triple-negative breast cancer (TNBC). It exhibits significant inhibitory activity against MDA-MB-453 cells, with an IC50 value of 8.5 μ M. Anti-TNBC agent-9 impedes tumor cell migration by upregulating E-cadherin and downregulating N-cadherin, matrix metalloproteinase 2 (MMP2), and MMP9. Additionally, it inhibits tumor cell proliferation by inducing apoptosis, achieved through the increased expression of pro-apoptotic protein BAX and decreased expression of anti-apoptotic protein BCL-2.
Targets(IC50)	Apoptosis, MMP, Bcl-2 Family, Cadherin

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481