

MC0704

Chemical Properties

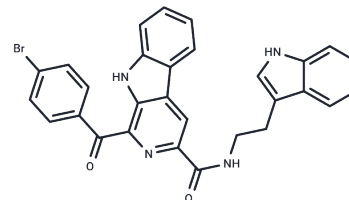
CAS No. :

Formula: C₂₉H₂₁BrN₄O₂

Molecular Weight: 537.41

Appearance: no data available

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



Biological Description

Description	MC0704 is a STAT3 inhibitor that demonstrates antitumor activity specifically in mouse breast cancer models, possessing an IC ₅₀ value of 2.13 μ M. It is effective in inducing cell apoptosis and cell cycle arrest, making it a potential candidate for researching metastatic triple-negative breast cancer (mTNBC).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8608 mL	9.3039 mL	18.6078 mL
5 mM	0.3722 mL	1.8608 mL	3.7216 mL
10 mM	0.1861 mL	0.9304 mL	1.8608 mL
50 mM	0.0372 mL	0.1861 mL	0.3722 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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