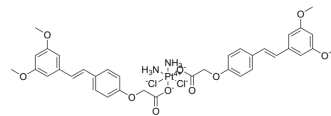


DPP

Cat. No.:	HY-155807
CAS No.:	2668267-47-6
Molecular Formula:	C ₃₆ H ₄₀ Cl ₂ N ₂ O ₁₀ Pt
Molecular Weight:	926.7
Target:	STAT; JAK; Apoptosis
Pathway:	JAK/STAT Signaling; Stem Cell/Wnt; Epigenetics; Protein Tyrosine Kinase/RTK; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DPP is a Platinum(IV) complex, bearing pterostilbene-derived axial ligand. DPP inhibit the JAK2-STAT3 pathway in breast cancer (BC) cells with antiproliferative activity, and activates caspase-3 and cleaved poly ADP-ribose polymerase to induces apoptosis. DPP promotes the maturation and antigen presentation of dendritic cells, and exhibits in vivo safety^[1].

REFERENCES

[1]. Cai L, et al. Platinum(IV) Complexes as Inhibitors of STAT3 and Regulators of the Tumor Microenvironment To Control Breast Cancer. *J Med Chem.* 2023 Aug 24;66(16):11351-11364.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA