

HJC0416 hydrochloride Biochemical | HJC0416 biochemical

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CATALOG #
AAA228420

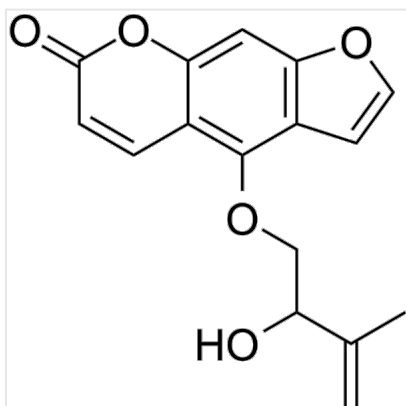
PRODUCT SYNONYMS

HJC0416 hydrochloride; HJC0416 biochemical

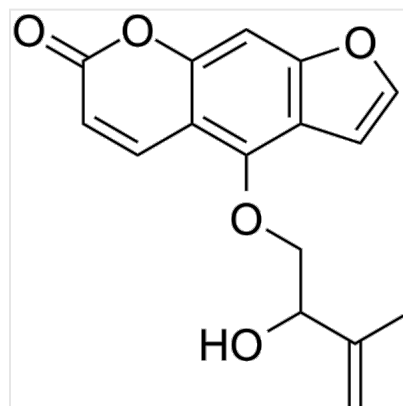
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2415263-08-8
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	HJC0416 hydrochloride (intraperitoneal injection; 10 mg/kg; 7 days) shows a 67% decrease of tumor volume as compared to the control mice. Similarly, HJC0416 hydrochloride (oral administration; 100 mg/kg; 14 days) also significantly reduces tumor volume at a dose of 100 mg/kg by 46%. The i.p. route appeared to have a better reduction of tumor volume. It is also noteworthy that HJC0416 does not show significant signs of toxicity at a dose of 100 mg/kg[1]. Animal Model: Mice with MDA-MB-231 cells[1]. Dosage: 10 mg/kg (i.p.); 100 mg/kg (oral). Administration: intraperitoneal injection, 7 days; oral administration, 14 days. Result: Exhibited antitumor effects in the MDA-MB-231 triple-negative breast cancer murine xenograft model.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Gosferol, CAS 37551-62-5



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ADDITIONAL INFORMATION

Related Product Information for HJC0416 biochemical	HJC0416 hydrochloride is a potent and orally active STAT3 inhibitor with an enhanced anticancer profile than Stattic (HY-13818). HJC0416 hydrochloride is a promising anti-cancer agent for breast cancer study.
References	1. Ayshev, A.Z., et al. Gosferol — A new furocoumarin from the roots of Prangos ferulacea. Chem Nat Compd 8, 43-47 (1972).

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/hjc0416-hydrochloride/228420>