

BG-136

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	BG-136, an innate immune stimulator derived from <i>Durvillaea Antarctica</i> , activates both innate and adaptive immune cells within the tumor microenvironment (TME), thereby exerting broad-spectrum antitumor effects.
Targets(IC50)	Arginase,NO Synthase,IFNAR,CD74
In vivo	BG136, administered at 0.3 mg/kg intravenously twice a week, effectively inhibits tumor growth in a C57BL/6 J mouse colorectal cancer (CRC) cell line MC38 allograft tumor model, without causing weight loss. Additionally, when combined with an anti-PD1 antibody (200 µg per mouse, i.v. once a week) in the MC38 syngeneic tumor model, BG136 enhances the tumor inhibitory effect of the anti-PD1 antibody, leading to more effective suppression of tumor growth.

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