

Isatuximab Biochemical

Isatuximab

CATALOG #
AAA227739

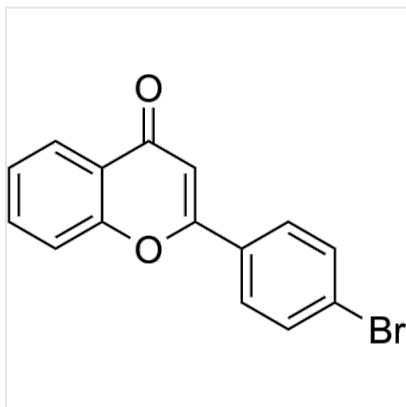
PRODUCT SYNONYMS

Isatuximab; Isatuximab biochemical

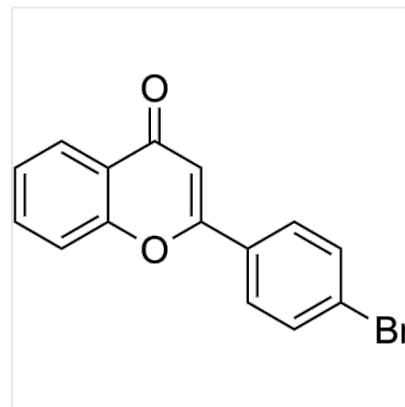
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1461640-62-9
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	An in-vitro study shows that the combination of Isatuximab with Pomalidomide (an immunomodulatory drug) results in greater direct toxicity and lysis of CD38 multiple myeloma cells by effector cells compared with Isatuximab alone[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
4'-Bromoflavone, CAS 20525-20-6



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ADDITIONAL INFORMATION

Related Product Information for Isatuximab biochemical	Isatuximab is a monoclonal antibody targeting the transmembrane receptor and ectoenzyme CD38, a protein highly expressed on hematological malignant cells, including those in multiple myeloma (MM). Isatuximab has antitumor activity via multiple biological mechanisms, including antibody-dependent cellular-mediated cytotoxicity, complement-dependent cytotoxicity, antibody-dependent cellular phagocytosis, and direct induction of apoptosis without crosslinking. Isatuximab also directly inhibits CD38 ectoenzyme activity, which is implicated in many cellular functions.
References	1. L L Song, et al. Cancer chemopreventive activity mediated by 4'-bromoflavone, a potent inducer of phase II detoxification enzymes. Cancer Res. 1999 Feb 1;59(3):578-85.

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/isatuximab/227739>