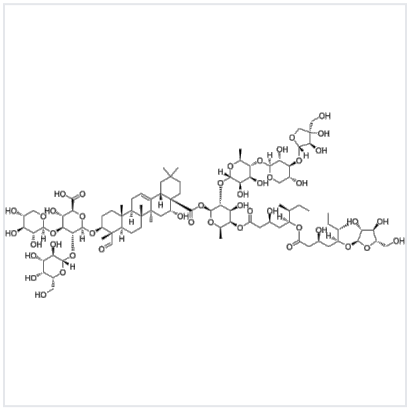
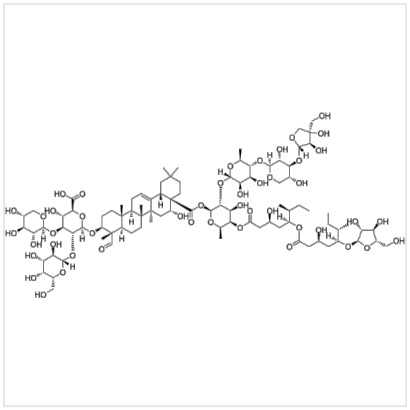
QS-21 Inhibitor

PRODUCT OVERVIEW

Product Name	QS-21, Inhibitor
Full Product Name	QS-21
Product Gene Name	QS-21, inhibitor
Product Synonym Names	Stimulon
Purity/Purification	98%
Preparation and Storage	Powder: -2 degree C for 3 years In solvent: -80 degree C for 2 years
CAS Number	141256-04-4
Solubility	(<1mg/mL refers to the product slightly soluble or insoluble)
In_vitro	Studies in mouse APCs (DCs and macrophages) identifie QS-21 as an activator of the NLRP3 inflammasome, and cause subsequent release of caspase-1 dependent proinflammatory cytokines I1-1beta/I1-18 that can promote Th 17 cell maturation or drive INF-gamma-mediated Th1 responses, respectively[3].
Related Product Information for QS-21, inhibitor	QS-21, an immunostimulatory saponin, could be used as a potent vaccine adjuvant. QS-21 stimulates Th2 uMoral and Th1 cell-mediated immune responses through action on antigen presenting cells (APCs) and T cells. QS-21 can activate the NLRP3 inflammasome with subsequent release of caspase-1 dependent cytokines, IL-1beta and IL-18.
Product References and Citations for QS-21, inhibitor	1 Fernández-Tejad A e al Developmen o Improve Vaccin Adjuvant Base o th Saponi Natura Produc QS-2 throug Chemica Synthesis Ac Che Res 2016 9(9):1741-1756. 2 Marty-Roi R e al Identificatio o QS-2 a a Inflammasome-activatin Molecula Componen o Saponi Adjuvants Bio Chem 2016 91(3):1123-1136 3 Lacaille-Duboi MA Update insight int th mechanis o actio an clinica profil o th immunoadjuvan QS-21 review Phytomedicine 2019 0:152905.
Other Notes	Small volumes of QS-21, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for QS-21 purchase	MBS5785450 is an inhibitor targeting QS-21.



Structure of QS-21, inhibitor
QS-21, CAS 141256-04-4



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QS-21, CAS 141256-04-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures.