

Product Data Sheet

Product Name: Mirvetuximab soravtansine (solution)

Cat. No.: GC73018

Chemical Properties

Cas. No. 1453084-37-1

Formula M.Wt 150000 (average)

Solubility Storage -80°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Mirvetuximab soravtansine (solution)

Background

Mirvetuximab soravtansine (IMGN853) solution is an anti-folate receptor α (FR α) antibody drug-conjugate (ADC) consisting of the cytotoxic maytansinoid, DM4, covalently linked to the humanized monoclonal antibody M9346A. Mirvetuximab soravtansine selectively binds to folate receptor 1 (FOLR1). Mirvetuximab soravtansine has an anti-proliferative effect via growth arrest and augmented DNA damage.

Mirvetuximab soravtansine (IMGN853; 8 nM; 6 h; IGROV-1 cells) combined with Carboplatin promotes synergistic growth inhibitory effects and cell cycle perturbations in vitro[1].

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

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Mirvetuximab soravtansine (IMGN853; 5 mg/kg; i.v.; female severe combined immunodeficient (SCID) mice with patient-derived xenografts) potentiates the antitumor activity of Carboplatin in vivo[1].

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