Product Data Sheet

Product Name: Depatuxizumab
Cat. No.: GC74602

Chemical Properties

Cas. No.	1471999-69-5		
Formula		M.Wt	
Solubility		Storage	
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			

Depatuxizumab

Background

Depatuxizumab is a brain-penetrant and humanized tumor-specific anti EGFR monoclonal antibody. Depatuxizumab inhibits the growth of xenograft models of mutant EGFRvIII and wild-type EGFR. Depatuxizumab can be used for research on cancer.

Depatuxizumab (10, 40 mg/kg, i.p., three times a week for 2 weeks) inhibits tumor growth

Caution: Product has not been fully validated for medical applications. For research use only.
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significantly in U87MGde2-7 glioblastoma multiforme (GBM) models and A431 squamous xenograft models of Nu/Nu mice[1].Depatuxizumab (10, 40 mg/kg, i.p., three times a week for 2 weeks) inhibits tumor growth and pEGFR levels in EGFRvIII-positive GBM SN0199 PDX models of NSG mice[1].Depatuxizumab (2-40 mg/kg, i.p., three times a week for 2 weeks) inhibits tumor growth with dose dependent manner in SCC15 xenograft models of SCID Beige mice[1].

References:

[1]. Reilly EB, et al. Characterization of ABT-806, a Humanized Tumor-Specific Anti-EGFR Monoclonal Antibody. Mol Cancer Ther. 2015 May;14(5):1141-51.