

Product Information

Galactose-modified axitinib liposomes

Cat. No.: X26-05-ZQ2574

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: Galactose-modified axitinib LPs; Galactose axitinib liposomes; Galactosylated axitinib-loaded liposomes

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	This advanced engineered system features galactose functionalized axitinib liposomes. The structural matrix incorporates the hydrophobic tyrosine kinase inhibitor axitinib directly within the lipophilic hydrocarbon tail domains of a phospholipid bilayer shell, whose exterior boundary is surface-modified with specific galactose carbohydrate residues linked <i>via</i> covalent lipid anchors. This precise modification alters the surface charge topography and introduces a dense target-mimetic carbohydrate interface, completely preventing physical vesicle aggregation while protecting the active core cargo from rapid crystallographic phase separation or precipitation in open laboratory media.
Source	Custom synthesis
Functional Group	Galactose; Axitinib
Form	Solid or powder
Purity	≥95%
Impurities	No visible impurities to the naked eye.
Identity	HPLC/MS/NMR
Stability	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Storage	Store at -20°C.