

## Product Information

### Azobenzene-containing glycoliposomes

**Cat. No.:** X26-05-ZQ2637

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

**Synonym:** Azobenzene-containing glycoliposomes; Azobenzene glycoliposomes; Azobenzene-functionalized glycoliposomes

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

#### Product Information

<b>Description</b>	This advanced engineered photo-responsive formulation features glycoliposomes incorporating azobenzene links. The structural matrix incorporates custom synthesized amphiphilic glycolipids containing photo-reversible azobenzene spacers blended with high-purity phospholipids. Under standard laboratory yellow light indices, the azobenzene links remain in a stable trans conformation; however, exposure to ultraviolet light triggers an immediate conversion into a bulky cis conformation, causing rapid lateral phase separation, carbohydrate domain realignment, and transient membrane fluidization.
<b>Source</b>	Custom synthesis
<b>Functional Group</b>	Azobenzene; Glycolipid
<b>Form</b>	Solid or powder
<b>Purity</b>	≥95%
<b>Impurities</b>	No visible impurities to the naked eye.
<b>Identity</b>	HPLC/MS/NMR
<b>Stability</b>	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Storage</b>	Store at -20°C.