

Product Information

SQDG(16:0/14:0)

Cat. No.: X26-02-ZQ276

Size: 1 mg; 10 mg; 25 mg; 100 mg

Synonym: 1-hexadecanoyl-2-tetradecanoyl-3-(6'-sulfo- α -D-quinovosyl)-sn-glycerol

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

Product Information

Description	A diacyl sulfoquinovosyl glycerol with asymmetric C16 and C14 saturated chains, resulting in unique packing properties in lipid monolayers.
Molecular Formula	$C_{39}H_{74}O_{12}S$
Source	Chemical synthesis
Form	Solid or liquid
Purity	$\geq 90\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for one year when stored at the recommended temperature in lyophilized powder.
Quality Level	Research level
Applications	SQDG(16:0/14:0) can be used to study the effect of acyl chain asymmetry on the molecular packing and hydration of sulfoquinovosyl lipid bilayers.
Storage	Store at $-20^{\circ}C$.