

GDGT

Description:

GDGT from *Sulfolobus acidocaldarius* for investigational use only.

Sample information:

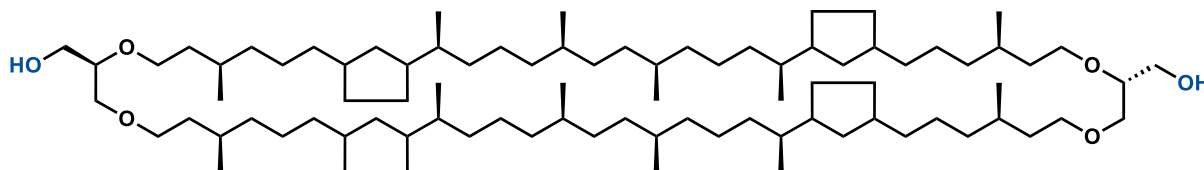
Product name	Glycerol dialkyl glycerol tetraether
Cat.#	34899
Physical form	colorless to slightly yellow oil
Shipment	ambient temperature
Storage	-20 °C

Sample composition:

Lipid component	Chemical formula	Purity ²	Molecular mass (g/mol)
GDGT ¹	C ₈₆ H ₁₆₄ O ₆	>95%	1294.25

GDGT... glycerol dialkyl glycerol tetraether

Structure:



Handling information:

Recommended solvents: dissolves in all common organic solvents (e.g. light petrol, toluene, diethylether, dichloromethane, chloroform, THF, *i*-Propanol, DMSO...)

For formulation experiments *i*-Propanol is recommended as solvent.

¹ The GDGT moiety naturally occurs with 0 to 8 cyclopentane rings, resulting in minor deviations of the molecular mass.

² Based on NMR