NovoArc GmbH
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HEPIPA-GDGT

Description:
Modified GDGT from S*ulfolobus acidocaldarius* for investigational use

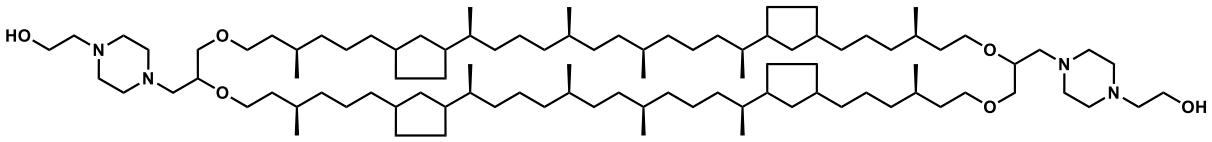
Sample information:

Cat.#	21869
Physical appearance	colorless to yellow oil
Shipment	ambient temperature, packed under N_2
Storage	-20 °C

Sample composition:

Lipid component	Chemical formula/structure	Purity[2]	Molecular mass
HEPIPA-GDGT[1]	Chemical formula: $C_{98}H_{188}N_4O_6$	>95%	1518.60

GDGT… glycerol dialkyl glycerol tetraether



Handling information:
Recommended solvents: dissolves in all common organic solvents (e.g. diethylether, dichloromethane, chloroform, THF, *i*-Propanol, DMSO…)

The compound is stored under N_2 atmosphere.

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