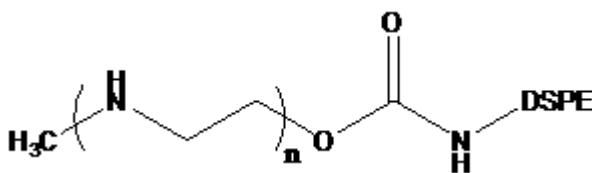


Certificate of Analysis

General properties:

Name: DSPE-PEI MW:25000
Molecular Weight: 25000 Dalton
Cat.#: R-88301
Lot.#: R548451
Date of Analysis: 2016.11.24
Recommended Retest date: 2017.11.24
Stability: 12 months
Storage: -20°C in the dark

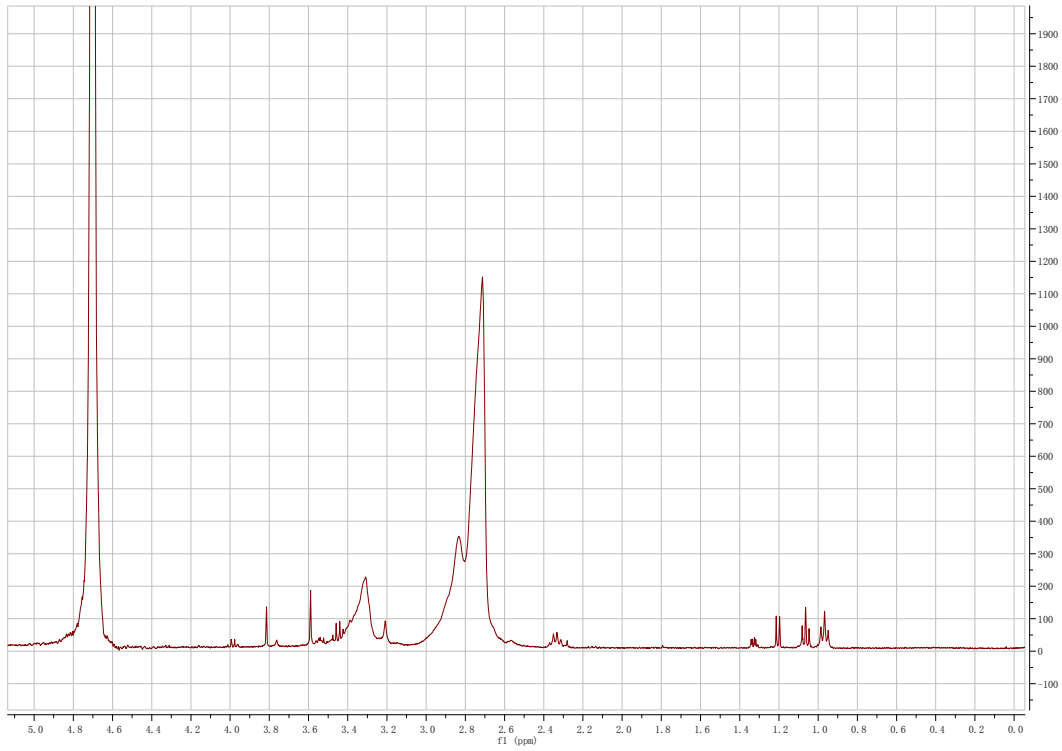
Structure



Items	Specification	Results
Appearance	White solid	White solid
¹ H NMR	Identical to the structure	Identical to the structure
Foreign Material	None	None
Purity by HPLC	>90%	93%

Report Date: 2016.11.24

Attachment 1: 1H NMR



This product is for research use only, Not for human or animal use
