



siRNA传递电荷 可逆磷脂纳米颗粒

DOP-DEDA 50mg [D5882]

- ·由电荷可逆的磷脂DOP-DEDA组成的脂质纳米颗粒可在生理环境中被电离。
- ·据报道,含有siRNA的脂质纳米颗粒可以被癌细胞吸收。

参考文献

1) Charge-reversible lipid derivative: A novel type of pH-responsive lipid for nanoparticle-mediated siRNA delivery Y. Hirai, R. Saeki, F. Song, H. Koide, N. Fukata, K. Tomita, N. Maeda, N. Oku, T. Asai, Int. J. Pharm. 2020, 585, 119479. 2) LIPID DERIVEATIVE FOR NUCLEIC ACID INTRODUCTION

T. Asai, N. Oku, N. Maeda, N. Fukata, K. Tomita, PCT Int. Appl. WO 2018190017, 2018.

该产品在NIPPON FINE CHEMICAL CO.,LTD.协助下实现商业化。

相关产品

| DMPC (=1,2-Dimyristoyl-sn-glycero-3-phosphocholine) | 200mg / 1g [D3924] |
|---|------------------------|
| L-DPPC (=1,2-Dipalmitoyl-sn-glycero-3-phosphocholine) | 200mg / 1g [D3925] |
| DSPC (= 1,2-Distearoyl-sn-glycero-3-phosphocholine) | 200mg / 1g [D3926] |
| DOPC (= 1,2-Dioleoyl-sn-glycero-3-phosphocholine) | 250mg [D4250] |
| DEPC (= 1,2-Dierucoyl- <i>sn</i> -glycero-3-phosphocholine) | 250mg [D5319] |
| L-DMPE (= $1,2$ -Dimyristoyl- sn -glycero- 3 -phosphoethanolamine) | 250mg [D4249] |
| L-DPPE (= 1,2-Dipalmitoyl-sn-glycero-3-phosphoethanolamine) | 250mg [D4213] |
| DSPE (= 1,2-Distearoyl-sn-glycero-3-phosphoethanolamine) | 250mg [D4214] |
| DMPG Sodium Salt (= Dimyristoylphosphatidylglycerol Sodium Salt) | 1g [D3946] |
| DSPG Sodium Salt (= Dioctadecanoylphosphatidylglycerol Sodium Salt) | 250mg [D5648] |
| DOPG Sodium Salt (= Dioleoylphosphatidylglycerol Sodium Salt) | 250mg [D5318] |
| POPG Sodium Salt (= 1-Palmitoyl-2-oleoylphosphatidylglycerol Sodium Salt) | 250mg [P2522] |
| 1-Palmitoyl-sn-glycero-3-phosphocholine | 250mg [P2694] |
| 1-Stearoyl-sn-glycero-3-phosphocholine | 250mg [T3808] |
| Cholesterol (>99%) | 1g / 5g [C3624] |

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