Product Name: H2L5186303
CAS Number: 139262-76-3
IUPAC Name: (Z,Z)-4,4’-[1,3-Phenylenebis(oxy-4,1-phenyleneimino)]bis[4-oxo-2-butenoic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: $C_{26}H_{20}N_{2}O_{8} \cdot \frac{3}{4}H_{2}O$
Batch Molecular Weight: 501.96
Physical Appearance: Yellow solid
Solubility: DMSO to 100 mM
Storage: Store at +4°C

2. ANALYTICAL DATA

HPLC: Shows 98.4% purity
$^1$H NMR: Consistent with structure
Mass Spectrum: Consistent with structure
Microanalysis: Carbon Hydrogen Nitrogen
Theoretical: 62.21 4.32 5.58
Found: 62.33 4.03 5.54
Product Name: H2L5186303

Catalog No.: 4878

Batch No.: 1

CAS Number: 139262-76-3

IUPAC Name: \((Z,Z)-4,4'\)-[1,3-Phenylenebis(oxy-4,1-phenyleneimino)]bis[4-oxo-2-butoenoic acid

Description:
Potent and selective lysophosphatidic acid 2 (LPA₂) receptor antagonist (IC₅₀ values are 8.9, 1230 and 27354 nM for LPA₂, LPA₃ and LPA₁ receptors respectively, in a LPA-elicited calcium mobilization assay).

Physical and Chemical Properties:
Batch Molecular Formula: C₉₀H₅₂N₂O₁₈·¾H₂O
Batch Molecular Weight: 501.96
Physical Appearance: Yellow solid
Minimum Purity: >98%

Batch Molecular Structure:

Storage: Store at +4°C

CAUTION - This product is light sensitive and we recommend that the solid material and any solutions obtained are protected from exposure to light.

Solubility & Usage Info:
DMSO to 100 mM

Stability and Solubility Advice:
Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References: