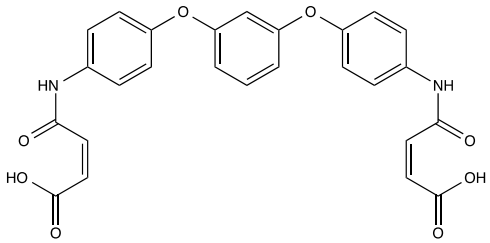
Catalog # 10-1452

H2L5186303

(Z,Z)-4,4'-[1,3-Phenylenebis(oxy-4,1-phenyleneimino)]bis[4-oxo-2-butenoic acid]

CAS# 139262-76-3

Lot # S101073



Potent and selective lysophosphatidic acid 2 (LPA_2) receptor antagonist. IC_{50} = 8.9 nM, 1230 nM and 27.35 µM for LPA_2, LPA_3, and LPA_1 respectively.[1,2]

1) Fells *et al*. (2008) *Identification of non-lipid LPA3 antagonists by virtual screening* Bioorg.Med.Chem. **16** 6207
2) Fells *et al.* (2009) *Structure-based drug design identifies novel LPA3 antagonists* Bioorg.Med.Chem. **17** 7457

PHYSICAL DATA

Molecular Weight:	488.45
Molecular Formula:	$C_{26}H_{20}N_2O_8$
Purity:	>98% (TLC)
	NMR: Conforms
Solubility:	DMSO(50 mg/mL)
Physical Description:	Yellow solid
Storage and Stability:	Store as supplied at -20ºC for up to one year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 1 month
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