

ONO-AE3-208

Catalog No: tcsc0315



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

402473-54-5

Formula:

$C_{24}H_{21}FN_2O_3$

Pathway:

GPCR/G Protein

Target:

Prostaglandin Receptor

Purity / Grade:

>98%

Solubility:

DMSO : \geq 45 mg/mL (111.27 mM); H₂O :

Alternative Names:

AE 3-208

Observed Molecular Weight:

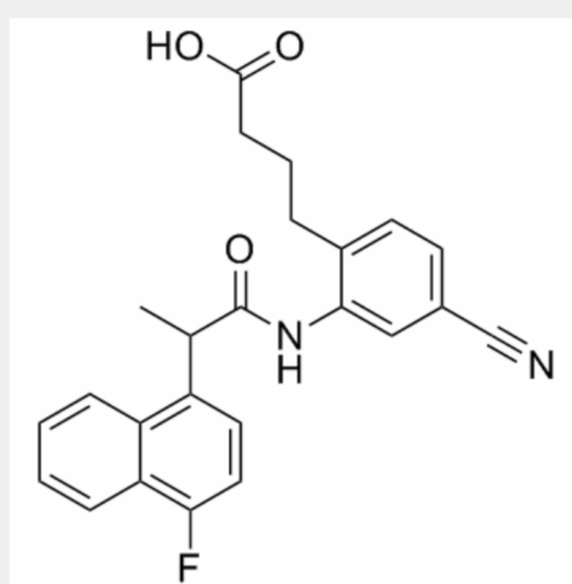
404.43

Product Description

ONO-AE3-208 is an **EP4** antagonist, and suppresses cell invasion, migration, and metastasis of prostate cancer.

In Vitro: ONO-AE3-208 suppresses the in vitro cell invasion and migration in a dose-dependent manner without affecting cell proliferation^[1]. ONO-AE3-208 abolishes CTGF in the presence of the EET synthesis inhibitor MS-PPOH. Arachidonic acid (AA) causes dose-dependent dilation of the attached Af-Art, and this effect is blocked by ONO-AE3-208^[2].

In Vivo: ONO-AE3-208 suppresses the in vivo bone metastasis of PC3 cells in mice^[1]. The photon tumor burdens are significantly increased in a time-dependent manner in the control group in comparison with those in the ONO-AE3-208-treated group. The rate of metastasis formation is significantly higher in the former than in the latter. The median time of metastasis formation is 29 d in the ONO-AE3-208-treated animals as compared with 21 d in the controls^[3].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!