Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

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 : ≥ 45 mg/mL (111.27 mM); H2O :

Alternative Names:
AE 3-208

Observed Molecular Weight:
404.43

Product Description

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

In Vitro: ONO-AE3-208 surpresses 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 surpresses 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].