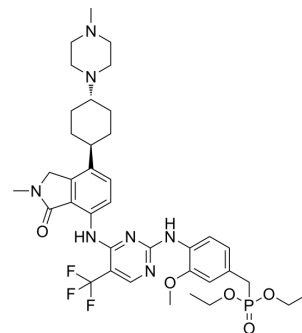


## FAK-IN-16

Cat. No.:	HY-117836
CAS No.:	1257994-15-2
Molecular Formula:	C <sub>37</sub> H <sub>49</sub> F <sub>3</sub> N <sub>7</sub> O <sub>5</sub> P
Molecular Weight:	759.8
Target:	FAK
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

FAK-IN-16 (compound OXA-11) is an orally active, selective focal adhesion kinase (FAK) inhibitor with an IC<sub>50</sub> of 1.2 pM. FAK-IN-16 inhibits FAK phosphorylation at pFAK[Y397] and pFAK[Y861]. FAK-IN-16 slows tumor growth and reduces tumor vascularity, invasion. FAK-IN-16 potentiates effects of Cisplatin (HY-17394) on tumor cell proliferation and apoptosis in vitro and anti-tumor actions in mice<sup>[1]</sup>.

## REFERENCES

[1]. Ingrid Moen, et al. Anti-metastatic action of FAK inhibitor OXA-11 in combination with VEGFR-2 signaling blockade in pancreatic neuroendocrine tumors. Clin Exp Metastasis. 2015 Dec;32(8):799-817.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA