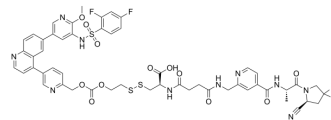


## FAP-PI3KI1

Cat. No.:	HY-145358
CAS No.:	2415941-98-7
Molecular Formula:	C <sub>52</sub> H <sub>48</sub> F <sub>4</sub> N <sub>10</sub> O <sub>12</sub> S <sub>3</sub>
Molecular Weight:	1177.19
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

FAP-PI3KI1 is a fibroblast-activated protein (FAP)-targeted PI3K inhibitor that selectively targets FAP-expressing human idiopathic pulmonary fibrosis (IPF) cells and effectively inhibits collagen synthesis and reduces collagen deposition<sup>[1]</sup>.

## REFERENCES

[1]. Suraj U Hettiarachchi, et al. Targeted inhibition of PI3 kinase/mTOR specifically in fibrotic lung fibroblasts suppresses pulmonary fibrosis in experimental models. *Sci Transl Med.* 2020 Oct 28;12(567):eaay3724.

**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