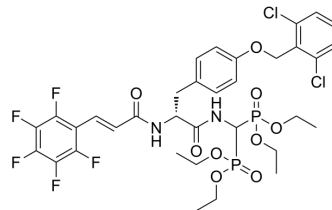


## BKM1644

Cat. No.:	HY-119001
CAS No.:	1070966-96-9
Molecular Formula:	C <sub>34</sub> H <sub>37</sub> Cl <sub>2</sub> F <sub>5</sub> N <sub>2</sub> O <sub>9</sub> P <sub>2</sub>
Molecular Weight:	845.51
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

BKM1644, an acyl-tyrosine bisphosphonate amide derivative, exhibits potent anti-cancer activity. BKM1644 effectively inhibits the proliferation of metastatic, castration-resistant prostate cancer (mCRPC) cells. BKM1644 sensitizes mCRPC cells to Docetaxel (HY-B0011) and retards the bone metastatic growth of prostate cancer<sup>[1]</sup>.

## REFERENCES

[1]. Shumin Zhang, et al. Inhibition of skeletal growth of human prostate cancer by the combination of docetaxel and BKM1644: an aminobisphosphonate derivative. *Oncotarget*. 2016 May 10;7(19):27489-98.

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

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