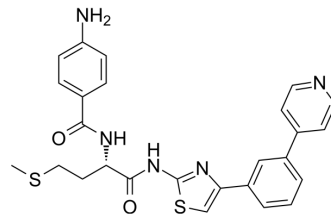


## BRM/BRG1 ATP Inhibitor-3

<b>Cat. No.:</b>	HY-148373
<b>CAS No.:</b>	2368901-31-7
<b>Molecular Formula:</b>	C <sub>26</sub> H <sub>25</sub> N <sub>5</sub> O <sub>2</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	503.64
<b>Target:</b>	Epigenetic Reader Domain
<b>Pathway:</b>	Epigenetics
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	BRM/BRG1 ATP Inhibitor-3 is a BRG1/BRM inhibitor. BRM/BRG1 ATP Inhibitor-3 inhibits BRM and BRG1 with IC <sub>50</sub> values of 10.4 nM and 19.3 nM, respectively. BRM/BRG1 ATP Inhibitor-3 can be used for the research of cancers and BAF complex-related disorders <sup>[1]</sup> .								
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 10.4 nM (BRM); 19.3 nM (BRG1) <sup>[1]</sup> .								
<b>In Vitro</b>	<p>BRM/BRG1 ATP Inhibitor-3 has inhibitory activity for BRM and BRG1 with IC<sub>50</sub> values of 10.4 nM and 19.3 nM, respectively<sup>[1]</sup>. BRM/BRG1 ATP Inhibitor-3 (0.01-10 μM) has inhibition for cell proliferation in several cancer cell lines<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Cell Proliferation Assay<sup>[1]</sup></p> <table border="1"> <tr> <td>Cell Line:</td> <td>Uveal melanoma cell lines (92-1, MP41, MP38, MP46), prostate cancer cell lines (LNCAP), lung cancer cell lines (NCI-H1299), and immortalized embryonic kidney lines (HEK293T)</td> </tr> <tr> <td>Concentration:</td> <td>0-10 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>3 days</td> </tr> <tr> <td>Result:</td> <td>Inhibited cell proliferation of uveal melanoma cell line 92-1 and MP41.</td> </tr> </table>	Cell Line:	Uveal melanoma cell lines (92-1, MP41, MP38, MP46), prostate cancer cell lines (LNCAP), lung cancer cell lines (NCI-H1299), and immortalized embryonic kidney lines (HEK293T)	Concentration:	0-10 μM	Incubation Time:	3 days	Result:	Inhibited cell proliferation of uveal melanoma cell line 92-1 and MP41.
Cell Line:	Uveal melanoma cell lines (92-1, MP41, MP38, MP46), prostate cancer cell lines (LNCAP), lung cancer cell lines (NCI-H1299), and immortalized embryonic kidney lines (HEK293T)								
Concentration:	0-10 μM								
Incubation Time:	3 days								
Result:	Inhibited cell proliferation of uveal melanoma cell line 92-1 and MP41.								

### REFERENCES

[1]. Kevin J. Wilson, et al. Compounds and uses thereof. Patent. WO2021155320A1.

---

**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](mailto:tech@MedChemExpress.com)

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