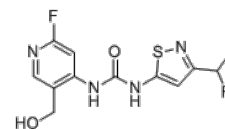


Product Name : BRM014
Cat. No. : PC-35746
CAS No. : 2270879-17-7
Molecular Formula : C₁₁H₉F₃N₄O₂S
Molecular Weight : 318.274
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

BRM014 (BRM-014) is a potent, orally active inhibitor of Brahma Homolog (BRM)/**SMARCA2** and Brahma-related gene 1 (**BRG1**) with IC₅₀ of <5 nM for both.

BRM014 modulates SWI/SNF chromatin-remodeling activity via inhibition of the ATPase activity.

BRM014 downregulates BRM-dependent gene expression and shows antiproliferative activity in a BRG1-mutant-lung-tumor xenograft model.

References

- Papillon JPN, et al. *J Med Chem.* 2018 Oct 31. doi: 10.1021/acs.jmedchem.8b01318.
- Rago F, et al. *Mol Cancer Res.* 2022 Mar 1;20(3):361-372.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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