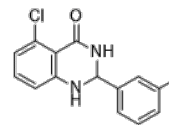


Product Name : PBRM1 inhibitor PB16
Cat. No. : PC-25802
CAS No. : 2819989-61-0
Molecular Formula : C₁₅H₁₃ClN₂O
Molecular Weight : 272.73
Target : Bromodomain
Solubility : 10 mM in DMSO



CAS: 2819989-61-0

Biological Activity

PBRM1 inhibitor PB16 is a selective, cell-active Polybromo-1 (PBRM1) bromodomain inhibitor with ITC KD of 2 μ M for PBRM1-BD2, and IC₅₀ of 0.26 μ M in AlphaScreen assays.

PB16 does not bind the SMARCA2 and SMARCA4 bromodomains.

PB16 shows promising inhibition toward PBRM1-dependent prostate cancer cell line LNCaP with IC₅₀ of 9 μ M.

References

Nuñez R, et al. ACS Med Chem Lett. 2025 Sep 16;16(10):1955-1962.

Shishodia S, et al. J Med Chem. 2022 Oct 27;65(20):13714-13735.

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

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