Product Datasheet

Tagtociclib hydrate

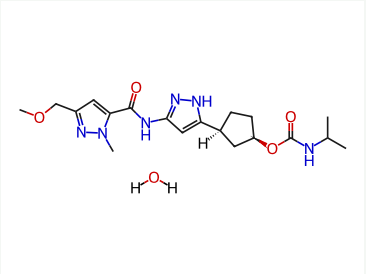
Catalog No. **BP-02225A** · CAS **2733575-91-0** · Form **other** · Physical state **other** · Color **White to off-white** · Version **1.0** · Revision **2026-11-04**

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Target	Research area
CDK; GSK-3	**Cancer**

Molecular formula	$C_{19}H_{30}N_6O_5$
Molecular weight	**422.4787**

STRUCTURE



DESCRIPTION

PF-07104091 hydrate is a potent and selective CDK2/cyclin E1 and GSK3β inhibitor, with Kis of 1.16 and 537.81 nM, respectively. PF-07104091 hydrate has anti-tumor activity for cyclin E1-amplified cancers. (patent WO2020157652A2).

BIOLOGICAL ACTIVITY

PF-07104091 hydrate (Example 13) inhibits CDK1/cyclin A2, CDK4/cyclin D1, CDK6/cyclin D3 and CDK9, with Kis of 110, 238, 465 and 117 nM, respectively

SOLUBILITY

Soluble in DMSO : ≥ 100 mg/mL

REFERENCES

[1].Douglas Carl BEHENNA, et al. Cdk2 inhibitors. WO2020157652A2.