

Product Datasheet

BAY-5000

Catalog No. **BP-02239A** · CAS **2639435-48-4** · Form **other** · Physical state **other** · Color **Off-white to light yellow** · Version **1.0** · Revision **2026-09-03**

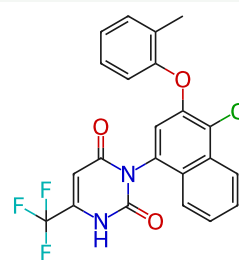
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Target Biochemical Assay Reagents	Research area Cancer
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Molecular formula **C₂₂H₁₄ClF₃N₂O₃**

Molecular weight **446.8060**

STRUCTURE



DESCRIPTION

BAY-5000 (example 32) is a pyrimidinedione derivative. BAY-5000 can be used in the synthesis of cancer-related reagents.

BIOLOGICAL ACTIVITY

Gilmelisib is an antineoplastic. Gilmelisib is a PI3K inhibitor (IC₅₀ <1 nM for PI3K p110α).

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 250 mg/mL

REFERENCES

[1]. Bouche Lea Aurelie, et al. Pyrimidinedione derivatives: World Intellectual Property Organization, WO2021063821[P].2021-04-08.

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