

Product Datasheet

TDP-43-IN-2

Catalog No. **BP-02263** · CAS **3033951-93-5** · Form **free base** · Physical state **solid** · Color **Light yellow to yellow** · Version **1.0**
· Revision **2026-09-04**

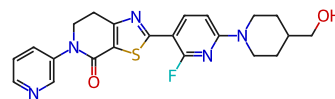
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Target Amyloid-β	Research area Neurological Disease
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Molecular formula **C₂₂H₂₂FN₅O₂S**

Molecular weight **439.5060**

STRUCTURE



DESCRIPTION

ACI-19626 (TDP-43-IN-2) is a TDP-43 aggregation inhibitor that can be used in the research of neurodegenerative diseases.

BIOLOGICAL ACTIVITY

In Vitro

ACI-19626 (compound 17) inhibits TDP-43 aggregates with a K_i value of 22 nM.

[18F]ACI-19626 can serve as a PET imaging agent for TDP-43 pathology.

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 5 mg/mL

REFERENCES

[1]. Nicolas Dreyfus, et al. Novel compounds for the diagnosis of tdp-43 proteinopathies. WO2024068948A1. 2024-04-04.

[2]. Vokali E, et al. Development of [18F] ACI-19626 as a first-in-class brain PET tracer for imaging TDP-43 pathology. Nature Communications, 2025, 16(1): 9358.