HUMAN VPS4B INHIBITOR

Tech ID: 33988 / UC Case 2025-113-0

PATENT STATUS

Patent Pending

BRIEF DESCRIPTION

SUGGESTED USES

- Treating neurodegenerative disorders like Parkinson's Disease and Alzheimer's Disease by reducing symptoms associated with endosomal-lysosomal and autophagic dysfunction.
- Serving as reagents for activating VPS4 activity in cells, which allows researchers to study the effects of ESCRT pathways in biological systems.

ADVANTAGES

- Provides a new class of compounds, activators of VPS4B and/or VPS4A, to address neurodegenerative disorders.
- Offers a research tool for studying the effects of ESCRT pathways.
- Addresses the underlying dysfunction in endosomal-lysosomal and autophagic activity associated with neurodegenerative diseases.

RELATED MATERIALS

CONTACT

Craig K. Kennedy
craig.kennedy@berkeley.edu
tel: .

INTRODUCING
UC TechAlerts
New technology matches delivered to your email at your preferred schedule
SEARCH SAVE SEARCH
Learn More

INVENTORS

» Hurley, James H.

OTHER INFORMATION

CATEGORIZED AS

» **Materials & Chemicals**

» Chemicals

» **Medical**

» Disease: Central Nervous System

» New Chemical Entities, Drug Leads

» Therapeutics

» **Research Tools**

» Other

RELATED CASES

2025-113-0

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

▶ Activators of Human VPS4

© 2025, The Regents of the University of California
Terms of use | Privacy Notice