

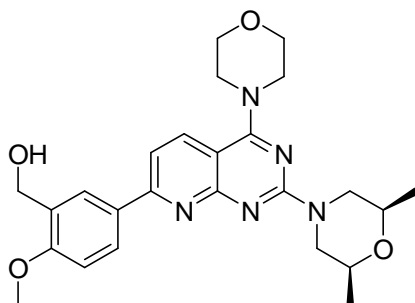
SYMANCIS™

Product Data
Sheet

Compound Name

KU0063794

Structure



CAS Number

[938440-64-3]

Chemical
Formula:C₂₅H₃₁N₅O₄Molecular
Weight:

465.54

Background information

Mode of Action

Kinase inhibitor

Predominant Target(s)

mTOR

Published Activity
(not validated)

with an IC₅₀ of approximately 10 nM, also inhibited phosphorylation of the T-loop Thr308 residue of Akt phosphorylated by PDK1, also suppressed cell growth and induced a G1-cell-cycle arrest

Development stage

Research

References

1. Ku-0063794 is a specific inhibitor of the mammalian target of rapamycin (mTOR). García-Martínez JM, Moran J, Clarke RG, Gray A, Cosulich SC, Chresta CM, Alessi DR. **Biochem J.** 2009 Jun **12;421(1):29-42**