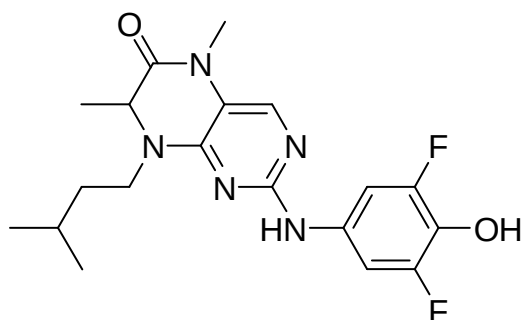


SYMANSIS™

Product Data Sheet**Compound Name****BI-D1870****Structure****CAS Number**

[501437-28-1]

Chemical Formula: $C_{19}H_{23}F_2N_5O_2$ **Molecular Weight:**
391.42**Background information**

Mode of Action

Kinase inhibitor

Predominant Target(s)

RSK

Published Activity

inhibits RSK1, RSK2, RSK3 and RSK4 in vitro with an IC(50) of 10-30 nM

Development stage

Research

References

BI-D1870 is a specific inhibitor of the p90 RSK (ribosomal S6 kinase) isoforms in vitro and in vivo. Sapkota GP, Cummings L, Newell FS, Armstrong C, Bain J, Frodin M, Grauert M, Hoffmann M, Schnapp G, Steegmaier M, Cohen P, Alessi DR. **Biochem J. 2007 Jan 1;401(1):29-38**