

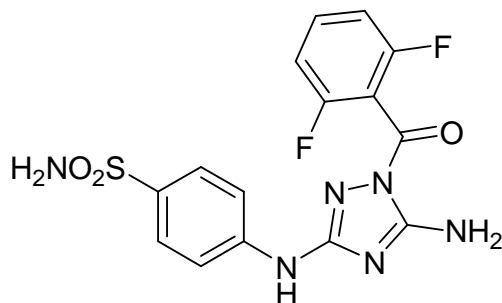
SYMANSIS™

Product Data Sheet

Compound Name

JNJ 7706621

Structure



CAS Number

[443797-96-4]

Chemical Formula:

C₁₅H₁₂F₂N₆O₃S

Molecular Weight:

394.36

Background information

Mode of Action	cyclin-dependent kinases and aurora kinases inhibitor
Predominant Target(s)	CDK
Published Activity	mediate G(2)-M arrest and inhibits tumor growth in xenograft models
Development stage	Clinical Trials

References

1. *Role of the ABCG2 drug transporter in the resistance and oral bioavailability of a potent cyclin-dependent kinase/Aurora kinase inhibitor.* Seamon JA, Rugg CA, Emanuel S, Calcagno AM, Ambudkar SV, Middleton SA, Butler J, Borowski V, Greenberger LM. **Mol. Cancer Ther.** 5(10), 2459-2467 (2006).
2. *The in vitro and in vivo effects of JNJ-7706621: a dual inhibitor of cyclin-dependent kinases and aurora kinases.* Emanuel S, Rugg CA, Gruninger RH, Lin R, Fuentes-Pesquera A, Connolly PJ, Wetter SK, Hollister B, Kruger WW, Napier C, Jolliffe L, Middleton SA. **Cancer Res.** 65(19), 9038-46 (2005).