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Inhibitors, Agonists, Screening Libraries

DAPK

Death associated protein kinase

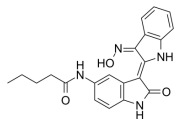
DAPK (Death-associated protein kinase) is the founding member of a newly classified family of Ser/Thr kinases, whose members not only possess significant homology in their catalytic domains, but also share cell death-associated functions. The realization that DAPk is a tumor suppressor gene, whose expression is lost in multiple tumor types, has spurred a flurry of interest in the kinase family and produced an impressive body of literature concerning its function, regulation, and connection to disease. The DAPk family has been linked to several cell death-related signaling pathways, and functions other than cell death have also been proposed.

DAPK Inhibitors

DRAK2-IN-1

Cat. No.: HY-122629

DRAK2-IN-1, compound 16, is a potent, selective and ATP-competitive DRAK2 inhibitor with IC_{50} and K_i values of 3 nM and 0.26 nM, respectively. DRAK2-IN-1 also has inhibitory effect on DRAK1 (IC_{50} = 51 nM).



Purity: >98%

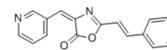
Clinical Data:

Size: 1 mg, 5 mg

TC-DAPK 6

Cat. No.: HY-15513

TC-DAPK 6 is a potent, ATP-competitive, and highly selective DAPK inhibitor (IC_{50} = 69 and 225 nM against DAPK1 and DAPK3, respectively, with 10 μ M ATP).



Purity: >95.0%

Clinical Data: No Development Reported

Size: 10 mM \times 1 mL, 10 mg, 50 mg