

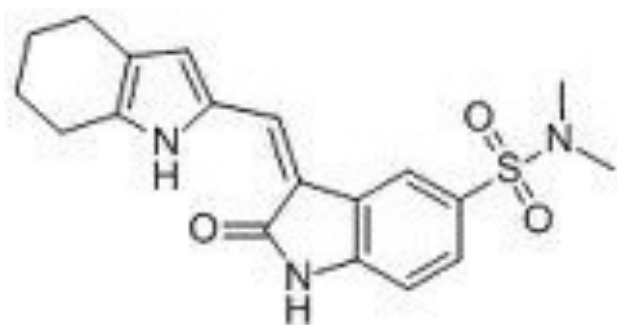
Cat No. 42-K78

SU6656

5mg

SU6656 is a potent, cell-permeable, reversible, and ATP-competitive Src family kinase inhibitor. Src kinases are known to function in signal transduction pathways. It inhibits Src as well as other closely related kinases including Fyn, Yes, and Lyn. It can act as a weak inhibitor of Lck and PDGF receptor kinase. SU6656 has been used to study the role of Src kinases in cell growth and development in nervous system development, fibrosis, and cancer.

TECHNICAL INFORMATION



Other Names: 2,3-dihydro-N,N-dimethyl-2-oxo-3-[[4,5,6,7-tetrahydro-1H-indol-2-yl)methylene]-1H-indole-5-sulfonamide

Chemical Formula: C₁₉H₂₁N₃O₃S

CAS Number: 330161-87-0

PubChem Substance ID: 5312137

Molecular Weight: 371.5

Purity: ≥98%

Appearance: Orange Crystalline Solid

Solubility: DMSO

IC₅₀ : Src-280nM, Fyn-170nM, Yes-20nM, Lyn-130nM, Lck-688μM, PDGF->10μM



For research purposes only

STORAGE AND HANDLING

Storage: Store at 4°C and protected from light. Following reconstitution, store aliquots at -20°C.

Stability: Stock solutions stable at -20°C for up to 2 years.

Shipping Conditions: Shipped at room temperature.

PRODUCT USE

Soluble in 12mg/mL of DMSO.

REFERENCES

1. Lannutti, B., et al (2005). Induction of polyploidization in leukemic cell lines and primary bone marrow by Src kinase inhibitor SU6656. *Blood*. 105:3875-3878.
2. Blake, R., et al (2000). Su6656, a selective Src family kinase inhibitor, used to probe growth factor signaling. *Mol. Cell. Biol.* 20:9018-9027.