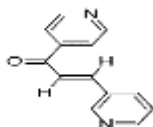


**PRODUCT: 3PO****ALTERNATE NAMES:** 3-(3-Pyridinyl)-1-(4-pyridinyl)-2-propen-1-one**CATALOG NUMBER:** B2018-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>13</sub>H<sub>10</sub>N<sub>2</sub>O**MOLECULAR WEIGHT:** 210.24**CAS NUMBER:** 13309-08-5**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (>20 mg/ml)**PURITY:** ≥98%**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** 3PO is a PFKFB3 (6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase) inhibitor. 3PO reduces glycolytic flux and suppresses glucose uptake. 3PO may be a useful agent in combination with other drugs that inhibit cancer cell proliferation.

**REFERENCES:** Conradi, L.C., *et al.* (2017). *Angiogenesis* **20**, 599-613**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**3-Bromopyruvic acid (**B1045**)6-Aminonicotinamide (**B1047**)2-Deoxy-D-glucose (**B1048**)D-Fructose 1,6-bisphosphate trisodium salt (**B1057**)Lonidamine (**Cat. No. B1058**)Oxythiamine Chloride Hydrochloride (**B1046**)3PO (**B2018**)**USAGE:** *FOR RESEARCH USE ONLY! Not to be used in humans*