Inhibitors, Agonists, Screening Libraries

Data Sheet

Product Name: CPI-613
Cat. No.: HY-15453
CAS No.: 95809-78-2
Molecular Formula: C_{22}H_{28}O_{2}S_{2}
Molecular Weight: 388.59
Target: Pyruvate Dehydrogenase
Pathway: Metabolic Enzyme/Protease
Solubility: 10 mM in DMSO

BIOLOGICAL ACTIVITY:
CPI-613 is an E1α pyruvate dehydrogenase (PDH) modulator that prevents cancer cells from metabolizing glucose for energy. CPI-613 has been granted orphan drug status by the US FDA for pancreatic cancer.

References:
[3]. Safety and Effectiveness Study of CPI-613 to Treat Refractory or Relapsed Leukemia and Myelodysplastic Syndrome

Caution: Product has not been fully validated for medical applications. For research use only.

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