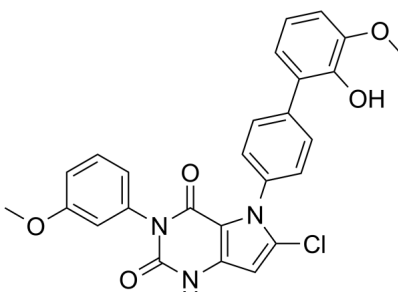


Data Sheet

Product Information

Catalog Number	BP10402
Product Name	GSK621
Description	GSK621 is a specific and potent AMPK activator.
In vitro	Twenty AML cell lines are treated with log10 dilutions of GSK621 and relative viability is determined by CellTiter-Glo assay. IC50 of GSK621 among these 20 cell lines is calculated using the Prism software and are presented as log[C] with [C] in mol/l (M). Results are presented for 5 different cell lines per panel.(Only for Reference)
CAS No.	1346607-05-3
Chemical Formula	C ₂₆ H ₂₀ ClN ₃ O ₅
Molecular Weight	489.91
Solubility	Ethanol: <1 mg/mL H ₂ O: <1 mg/mL; DMSO: 90 mg/mL (183.7 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of GSK621 is a complex molecule. It features a central pyrazole ring. One nitrogen of the pyrazole is substituted with a 4-methoxyphenyl group. The other nitrogen is substituted with a 4-(3-methoxy-4-hydroxyphenyl)phenyl group. The pyrazole ring also has a chlorine atom at the 3-position and a carbonyl group at the 5-position, which is part of a hydantoin-like structure (a five-membered ring with two carbonyl groups and an NH group).</p>

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<http://www.purduebio.com>

1-877.618.7311

info@purduebio.com

v2 Revision on 12/28/2022

Purdue Bioscience Inc.