Creative Enzymes®

GSK-25

Cat. No. CEI-1127

Lot. No. (See product label)

Introduction

Description	GSK-25 has promising oral bioavailability (49% in rat and 19% in monkey) a good half-life (1.8h in rat and 2.2h in monkey) and maintains good selectivity against a panel of 31 kinases, as well as RSK1 and p70S6K (RSK1 IC50=398nM, p70S6K IC50=1000nM), and a dramatically improved P450 profile (>2.2 uM at all isozymes tested).
Synonyms	RP11-492M19.2, HU-1, MAPKAPK1A, RSK, RSK1

Product Information

CAS No.	874119-56-9
Molecular Formula	C24H16Cl2F2N6O
Chemical Name	4-(4-chloro-2-fluorophenyl)-2-(2-chloropyridin-4-yl)-N-(6-fluoro-1H-indazol-5-yl)-6-methyl-1,4-dihydropyrimidine-5-carboxamide
Molecular Weight	513.33
Purity	> 95%
Targets	RSK1, p70S6K
IC50	398nM， 1000nM
Solubility	DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage	4 centigrade
Stability	2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO