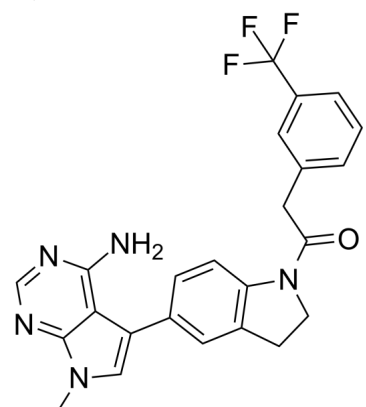


Certificate of Analysis

Catalog Number	BP10386
Product Name	GSK2606414

Physical and Chemical Properties

CAS No.	1337531-36-8
Chemical Formula	C ₂₄ H ₂₀ F ₃ N ₅ O
Molecular Weight	451.453
Solubility	DMSO: 45.1 mg/mL (100 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 GSK2606414 is shown. It features a 1-methyl-1H-pyrazolo[3,4-b]pyridine core. The 4-position of the pyridine ring is substituted with a 2-((4-(trifluoromethyl)phenyl)acetyl)indoline-5-yl group. The trifluoromethyl group is represented as a benzene ring with a CF₃ group at the para position.</p>

Product Information

Description	GSK2606414 is an oral-available and specific PERK inhibitor (IC ₅₀ =0.4 nM).
Targets&IC ₅₀	EIF2AK3 (PERK): 0.4 nM

Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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