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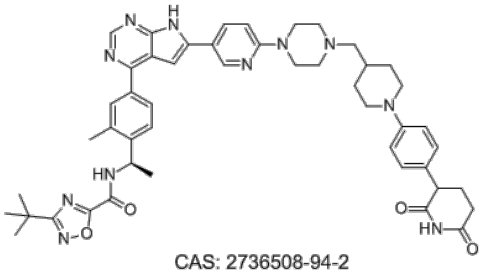
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	BGB-16673
Cat. No.	:	PC-21567
CAS No.	:	2736508-94-2
Molecular Formula	:	$C_{48}H_{55}N_{11}O_4$
Molecular Weight	:	850.04
Target	:	PROTAC
Solubility	:	10 mM in DMSO



Biological Activity

Catadegbrutinib (BGB-16673) is an orally available heterobifunctional **BTK PROTAC** degrader that binds to BTK and E3 ligase, degrades wildtype BTK and multiple mutant forms via ubiquitination.
BGB-16673 exhibits high potency on clinically relevant BTK mutants resistant to covalent and non-covalent BTK inhibitors in cancer cells in vitro.
BGB-16673 drives complete tumor regression of lymphoma xenograft models expressing wildtype or BTK mutations resistant to covalent and non-covalent inhibitors.
BGB-16673 presents longer duration of response than BTK inhibitors in BTK wildtype and C481S mutant-expressing lymphoma xenograft models.

References

John F. Seymour, et al. ***Blood*** (2023) 142 (Supplement 1): 4401.

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