

PIN-5018: CK1 α -Selective Molecular Glue Degradator for Solid Tumors



ONCOLOGY

Phase 1

Product Type	TPD
Indication	Solid tumors
Target	Casein Kinase 1 alpha (CK1 α)
MoA(Mechanism of Action)	- PIN-5018 acts as a CK1α-selective molecular glue degrader, mediating the interaction between CK1α and cereblon, leading to its ubiquitination and subsequent degradation by the proteasome. - CK1α is involved in various biological pathways including the MDM2-p53 axis, Wnt signaling, NF-κB signaling and autophagy. We believe that PIN-5018 exerts context-dependent antitumor activity through modulation of p53-related biology across multiple tumor types, including CRPC.
Competitiveness	- Current CRPC treatment paradigms remain heavily dependent on sequential AR-targeted therapies and cytotoxic modalities, with limited options after resistance emerges. - PIN-5018 represents a differentiated CK1α degradation strategy with the potential to restore DDR-related biology beyond conventional AR signaling inhibition in ARSi-resistant CRPC settings.
Development Stage	Phase 1
Route of Administration	Oral

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