

# Discovery of novel nucleic acid-sensing pathway modulators for the TNBC treatment

Korea Institute of Science and Technology (KIST)



ONCOLOGY	Hit
Product Type	Synthetic small molecule
Indication	TNBC
Target	Ectonucleotide pyrophosphatase/phosphodiesterase I (ENPP1)
MoA(Mechanism of Action)	Ectonucleotide pyrophosphatase/phosphodiesterase I inhibition → STING activation → Innate immune activation → Turning cold tumor into hot tumor
Competitiveness	<ol style="list-style-type: none"> <li>1. First-in-class</li> <li>2. The novel MoA for treatment of TNBC</li> </ol>
Development Stage	Hit
Route of Administration	Oral administration