## KRICT ROS1/ROS1 G2032R

## 2017 한국화학연구원 신약 R&D 산·연 기술교류회



Target	
Mechanism of Action	Inhibition of ROS1/MAPK/Akt signal pathway
Indication - Primary	Non-small-cell lung cancer (NSCLC)
Indication - Expansion	<ul> <li>Brain tumor</li> <li>Biliary tract cancer</li> <li>Diffusive gastric cancer</li> </ul>
Route of Administration	• PO (QD)
Competitive Advantage	<ul> <li>Highly potent against G2032R mutant</li> <li>Good PK and BBB properties</li> <li>Best-in-class</li> </ul>
Data Files	<ul> <li>Medicinal Chemistry Approach</li> <li>in vitro data: enzyme &amp; cell assay, CYPs, hERG, MS</li> <li>in vivo data (wt &amp; mt)</li> <li>ADME/PK</li> </ul>
IP Status	<ul><li>In preparation</li><li>owned by KRICT and NCC</li></ul>
Collaboration Model	<ul> <li>Licensing out</li> <li>Collaborative research followed by licensing out</li> </ul>
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