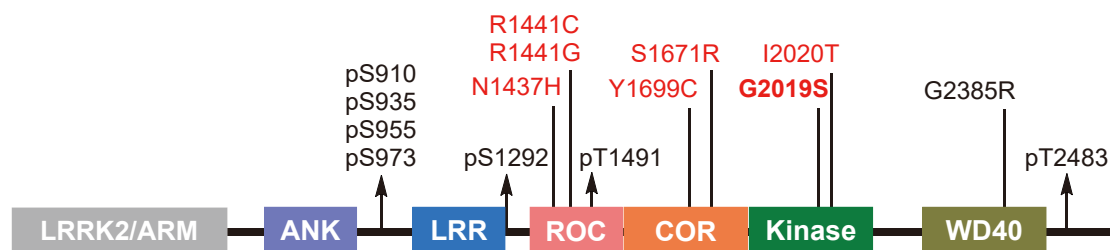


Leucine-Rich Repeat Kinase 2 (LRRK2) Inhibitors

The LRRK2 is a large protein (2527 amino acids) with serine-threonine (Ser/Thr) protein kinase activity and autophosphorylation activity. It is highly expressed in many mammal tissues. Genetic mutations in the G2019S encoding portion of LRRK2 (LRRK2-G2019S) have been detected frequently in Parkinson's (PD) patients.¹⁾ As a result, LRRK2-G2019S is a promising therapeutic target for the treatment of PD, and its inhibitors have been used as useful tools in PD research.²⁻⁴⁾ For more information, please refer to the application information of product detail page on our website.



Schematic of LRRK2 protein domain structure with reported PD pathogenic familial mutations sites (red).¹⁾

SP 600125	25mg [A2548]
Arcyriaflavin A	20mg [A3497]
Bisindolylmaleimide I	5mg / 25mg [B5781]
GW-5074	100mg [G0609]
Indirubin-3'-monoxime	50mg [I1118]
5-Iodotubercidin	200mg [I1156]
Sorafenib	500mg [O0599]
LDN-22684	1g / 5g [P1973]
Ro 31-8220 Mesylate	10mg [R0257]
Staurosporine	10mg [T4000]

For Laboratory Use, Research Purposes Only.

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