

Product Datasheet

LYN-1604 dihydrochloride (orb1298617)

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| Catalog Number | orb1298617 |
| Category | Small Molecules |
| Description | LYN-1604 is a novel small molecule activator of ULK1. It induces cell death through mechanisms involving ATF3, RAD21, and caspase-3, concomitant with autophagy and apoptosis. This compound is a useful research tool for studying autophagy, cell death pathways, and oncology in both cellular and animal models. |
| Target | Apoptosis, Autophagy |
| Purity | 99.92% |
| MW | 657.54 |
| Target Areas | Apoptosis Autophagy |
| Solubility (25°C) | 10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.04 mM);DMSO:25 mg/mL (38.02 mM) |
| CAS Number | 2310109-38-5 |
| Formula | $C_{33}H_{45}Cl_4N_3O_2$ |
| SMILES | <chem>Cl.Cl.CC(C)CN(CC(C)C)CC(=O)N1CCN(CC(OCc2ccc3ccccc3c2)c2ccc(Cl)cc2Cl)CC1</chem> |
| Storage | Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature. |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |

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