

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK  
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: [info@abbexa.com](mailto:info@abbexa.com)

## PJ-34

Catalogue No.: abx076650

PJ-34 is a small molecule. PJ-34 is a selective inhibitor of Poly (ADP-Ribose) polymerase (PARP). Studies have shown that the use of PJ-34 on severe inflammatory diseases, in particular experimental allergic encephalomyelitis (EAE) have contributed to a shift of the immune response from a pro-inflammatory Th1 to anti-inflammatory th2 phenotype (1).

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| <b>Target:</b>            | PJ-34                                                                               |
| <b>Origin:</b>            | Synthetic                                                                           |
| <b>Purity:</b>            | ≥98% (HPLC); NMR (Conforms)                                                         |
| <b>Form:</b>              | White to yellow solid.                                                              |
| <b>CAS Number:</b>        | 344458-15-7                                                                         |
| <b>Storage:</b>           | Store at -20 °C.                                                                    |
| <b>Molecular Weight:</b>  | 331.8                                                                               |
| <b>Molecular Formula:</b> | C <sub>17</sub> H <sub>17</sub> N <sub>3</sub> O <sub>2</sub> ·HCL·H <sub>2</sub> O |
| <b>SMILES:</b>            | <chem>CN(C)CC(=O)NC1=CC2=C(C=C1)NC(=O)C3=CC=CC=C32.Cl</chem>                        |
| <b>Note:</b>              | This product is for research use only.                                              |