

## WHI-P131, JAK3 inhibitor

Catalog	Unit
TBI1190-5MG	5 mg
TBI1190-25MG	25 mg

### Product Details

**Formal Name:** 4-[(4'-hydroxyphenyl)amino]-6,7-dimethoxyquinazoline

**Alternate Names:** JANEX-1

**Molecular Formula:** C<sub>16</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub> · HCl

**Formula Weight:** 333.78

**CAS Number:** 202475-60-3

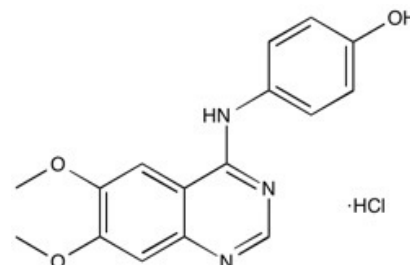
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 50 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

JAK3 inhibitor

### Functions

JAK3 inhibitor. Inhibits human glioblastoma cell adhesion and invasion. Increases survival in a mouse ALS model. Delays or prevents autoimmune type 1 diabetes in NOD mice. Exhibits potent anti-inflammatory activity in mouse models of peritonitis, colitis, cellulitis and systemic inflammatory response syndrome. Displays protective effects against myocardial ischemia and reperfusion injury in mouse models.

### Application Procedures

First dissolved in DMSO (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

**For research use only.**