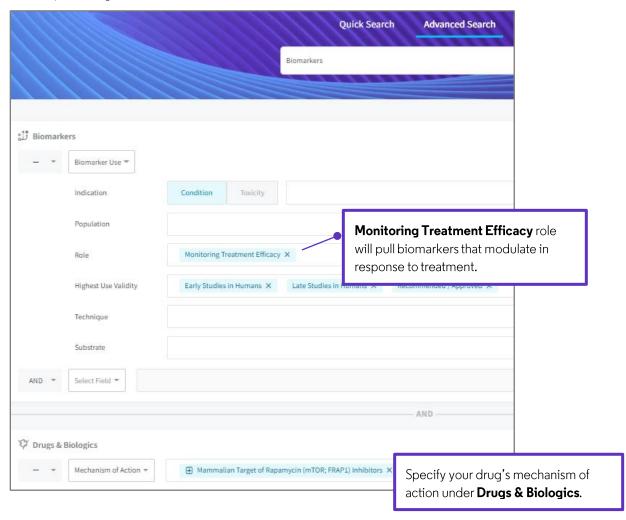


## Pharmacodynamic markers for Target Validation

## **Cortellis Drug Discovery Intelligence**

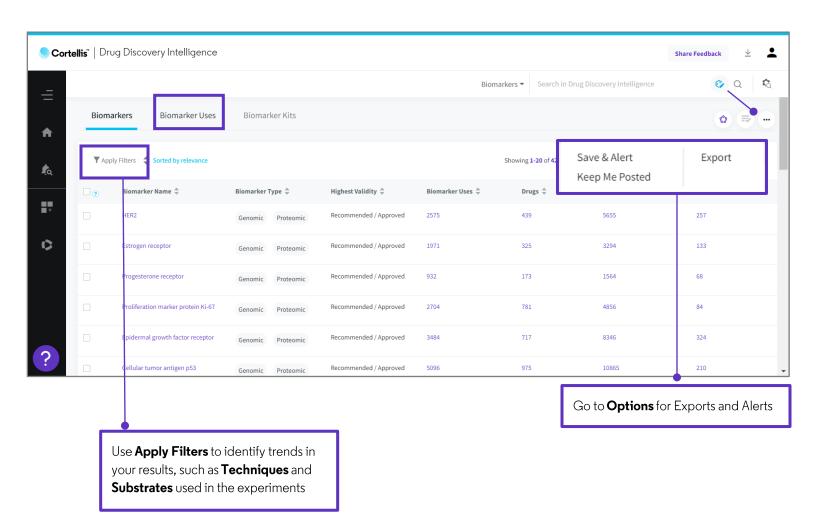
Pharmacodynamic biomarkers can be used as a tool to validate your drug's mechanism of action. In the example below, you are developing a mammalian target of rapamycin (mTOR) inhibitor and wish to explore biomarkers that could potentially be used to validate its mechanism in your phase I studies.

1. Use **Advanced Search** to specify biomarker **Role** (monitoring treatment efficacy), **Highest Validity** (at least early studies in humans) and drug's **Mechanism of Action**.





2. On your results page, you will find a list of **pharmacodynamic markers** that have been used in humans to monitor the effect of mTOR inhibitors. Navigate to the **Biomarker Uses** tab to see additional contextual information.



For more information contact Customer Service at **LS Product Support**