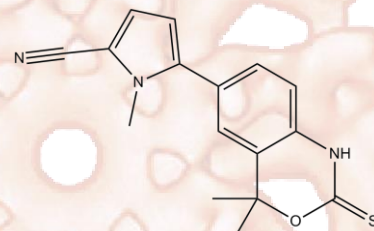


# Product Data Sheet

## Tanaproget

<b>Cat. No.:</b>	A3857
<b>CAS No.:</b>	304853-42-7
<b>Formula:</b>	C <sub>16</sub> H <sub>15</sub> N <sub>3</sub> O <sub>3</sub> S
<b>M.Wt:</b>	297.37
<b>Synonyms:</b>	NSP-989; NSP 989; NSP989
<b>Target:</b>	Endocrinology and Hormones
<b>Pathway:</b>	Estrogen/progestogen Receptor
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

Soluble in DMSO

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		3.3628 mL	16.8141 mL	33.6281 mL
	5 mM		0.6726 mL	3.3628 mL	6.7256 mL
	10 mM		0.3363 mL	1.6814 mL	3.3628 mL

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary

Progesterone receptor agonist

 IC<sub>50</sub> & Target

 0.1 nM (EC<sub>50</sub>, induce alkaline phosphatase activity) (progesterone receptor)

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

1. Fowler AM, Clark AS, et al. "Imaging Diagnostic and Therapeutic Targets: Steroid Receptors in Breast Cancer. J Nucl Med." 2016 Feb;57 Suppl 1:75S-80S.PMID:26834106

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX<sup>®</sup>BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

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