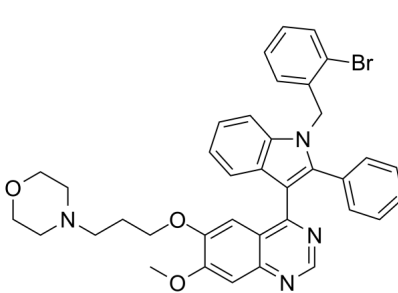


## Certificate of Analysis

Catalog Number	BP16200
Product Name	YS-370

## Physical and Chemical Properties

CAS No.	2470908-79-1
Chemical Formula	C <sub>37</sub> H <sub>35</sub> BrN <sub>4</sub> O <sub>3</sub>
Molecular Weight	663.6
Solubility	DMSO: 6 mg/mL (9mM), ultrasonic and warming and heat to 80°C
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of YS-370 is a complex molecule. It features a central quinazoline ring system. Attached to this system are a morpholine ring via a propyl chain, a methoxy group, and a 4-bromophenyl group. There are also two phenyl rings attached to the quinazoline system, one of which is also substituted with a bromine atom.</p>

## Product Information

Description	YS-370 is an orally active inhibitor of P-gp and shows moderate inhibition against CYP3A4. YS-370 effectively reverses multidrug resistance to paclitaxel and colchicine and exhibits stronger antitumor activity in combination with paclitaxel.
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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