**Promoting** **angiogenesis effect and molecular mechanism of Isopropyl Caffeate (KYZ), a novel metabolism-derived** **candidate drug, based on integrated network pharmacology and transgenic zebrafish models**

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Abbreviation

|  |  |
| --- | --- |
| KYZ | Isopropyl caffeic acid |
| CA | caffeic acid |
| PTU | N-Phenylthiourea |
| DHI | Danhong Injection |
| PTK787 | Vatalanib dihydrochloride |
| FBS | Fetal Bovine Serum |
| hpf | hour post fertilization |
| ISV | intersegmental vascular |
| SIV | subintestinal vessel |
| CCK-8 | Cell Counting Kit-8 |

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Fig.S1 The VEGFR2 and GAPDH represent western blot analysis shown in Fig.8

The AKT and p-MEK1/2 represent western blot analysis shown in Fig.9

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Fig.S2 The ERK1/2and p-ERK1/2 represent western blot analysis shown in Fig.9

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Fig.S3 The p-AKT represents western blot analysis shown in Fig.9

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Fig.S4 The p-AKT and AKT represent western blot analysis shown in Fig.10

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Fig.S5 The p-ERK1/2 and ERK1/2 represent western blot analysis shown in Fig.10