MPS

Therapeutic targets

| Anabolic resistance mechanisms | Pathological baseline | Compensatory signaling | 1. Splanchnic extraction | 2. Blood flow | 3. Insulin resistance | 4. [mTOR] | 5. mTORC1 sensitivity | 6. [p70S6K] | 4+5 | 4+6 | 5+6 | 4+5+6 | 1+4+5+6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [mTOR] + [p70S6K] + mTORC1 sensitivity | 0.09 | 0.31 | 0.33 | 0.31 | 0.31 | 0.32 | 0.38 | 0.56 | 0.43 | 0.56 | 0.63 | 0.67 | 0.73 |
| Combined | 0.07 | 0.26 | 0.3 | 0.27 | 0.25 | 0.27 | 0.32 | 0.46 | 0.36 | 0.46 | 0.53 | 0.57 | 0.65 |