$$\frac{1/2i\langle 46 \rangle^4 \langle 1|2+3|4]\langle 4|2+3|1]}{\langle 12 \rangle \langle 16 \rangle \langle 23 \rangle \langle 34 \rangle \langle 45 \rangle \langle 56 \rangle}$$