Sulfinate Salt for Trifluoromethylation via C-H Bond Activation

Z0028 activates the C-H bond on a heteroaromatic ring and can substitute a trifluoromethyl group, and is an environmentally friendly reagent because the reaction proceeds in water as well as in organic solvents.

Z0028: Trifluoromethanesulfinate

\[
\begin{align*}
\text{Zn}^{2+} & \quad \left[ \text{CF}_3\text{SO}_3^- \right]_2 \\
\text{Z0028} & \\
\end{align*}
\]

**Advantages**

- Water- and Air-stable Reagent
- Reacts with Substances without Halides
- Environmentally Friendly Reagent

**Applications**

1. **Water- and Air-stable Reagent**
2. **Reacts with Substances without Halides**
3. **Environmentally Friendly Reagent**

**Zinc(II) Trifluoromethanesulfinate**

\[
1g / 5g \quad \text{Z0028}
\]

For further information please refer to our website at www.TCIchemicals.com.