

Crystal Data: Orthorhombic. *Point Group:* 222. Crystals are small scales, or acicular.

Physical Properties: *Tenacity:* "Fragile". Hardness = "Very soft". D(meas.) = n.d.
D(calc.) = 1.087 M.P. 182 °C.

Optical Properties: Semitransparent. *Color:* White. *Luster:* Resinous.
Optical Class: Biaxial. $\alpha = \text{n.d.}$ $\beta = \text{n.d.}$ $\gamma = \text{n.d.}$ 2V(meas.) = n.d.

Cell Data: *Space Group:* P2₁2₁2. $a = 10.43$ $b = 22.35$ $c = 7.98$ $Z = 4$

X-ray Powder Pattern: Kolbermoor, Germany.
5.50 (10), 6.09 (9), 5.20 (7), 7.97 (3), 4.28 (2), 11.2 (1), 4.82 (1)

Chemistry:	(1)	(2)
C	77.77	78.90
H	11.18	10.59
O	11.05	10.51
Total	100.00	100.00

(1) Near Teramo, Italy. (2) C₂₀H₃₂O₂ (δ -13-dihydro-*d*-pimaric acid).

Occurrence: In lignite (near Teramo, Italy); in roots of fossil spruce in a swamp (Kolbermoor, Germany).

Association: n.d.

Distribution: From Montório al Vomano, 10 km southwest of Teramo, Abruzzi, Italy. Found near Kolbermoor, Bavaria, Germany. At Krásno, Czech Republic.

Name: To honor Refik Bey (?–1865), Turkish journalist.

References: (1) Dana, E.S. (1892) Dana's system of mineralogy, (6th edition), 1006–1007.
(2) Strunz, H. and B. Contag (1965) Evenkit, Flagstaffit, Idrialin und Reficit. Neues Jahrb. Mineral., Monatsh., 19–25 (in German).